

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080320.D
 Acq On : 14 May 2025 13:57
 Operator : RP/MD
 Sample : VY0514SBS01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

Quant Time: May 15 03:34:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.876	168	108123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	175447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	170138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	94201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	66869	47.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.805	113	62231	52.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.270	98	237057	51.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.570	95	76682	51.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.935	85	27447	26.028	ug/l	93
3) Chloromethane	2.153	50	43430	20.439	ug/l	97
4) Vinyl Chloride	2.276	62	58270	20.730	ug/l	98
5) Bromomethane	2.682	94	40608	20.070	ug/l	98
6) Chloroethane	2.823	64	41644	20.954	ug/l	93
7) Trichlorofluoromethane	3.164	101	45828	21.263	ug/l	100
8) Diethyl Ether	3.588	74	12717	19.114	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.959	101	25769	19.405	ug/l	98
10) Methyl Iodide	4.159	142	28146	20.792	ug/l	97
11) Tert butyl alcohol	5.059	59	3848	45.353	ug/l #	55
12) 1,1-Dichloroethene	3.935	96	25302	19.326	ug/l #	92
13) Acrolein	3.806	56	8764	58.707	ug/l	96
14) Allyl chloride	4.564	41	34037	16.531	ug/l	91
15) Acrylonitrile	5.253	53	30044	93.929	ug/l	99
16) Acetone	4.023	43	23160	98.134	ug/l	98
17) Carbon Disulfide	4.264	76	88967	19.569	ug/l	100
18) Methyl Acetate	4.564	43	19185	21.205	ug/l	99
19) Methyl tert-butyl Ether	5.323	73	54758	19.039	ug/l	99
20) Methylene Chloride	4.794	84	35374	21.509	ug/l #	85
21) trans-1,2-Dichloroethene	5.311	96	27157	19.094	ug/l	94
22) Diisopropyl ether	6.217	45	80858	19.064	ug/l	94
23) Vinyl Acetate	6.158	43	223292	90.390	ug/l	98
24) 1,1-Dichloroethane	6.111	63	52770	19.771	ug/l	99
25) 2-Butanone	7.082	43	34843	90.569	ug/l	94
26) 2,2-Dichloropropane	7.082	77	40387	19.016	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	30708	19.488	ug/l	98
28) Bromochloromethane	7.423	49	24188	19.464	ug/l	98
29) Tetrahydrofuran	7.452	42	24338	97.027	ug/l	95
30) Chloroform	7.594	83	54260	20.386	ug/l	97
31) Cyclohexane	7.876	56	40481	17.821	ug/l	98
32) 1,1,1-Trichloroethane	7.794	97	43747	20.146	ug/l	95
36) 1,1-Dichloropropene	8.005	75	36327	20.670	ug/l	97
37) Ethyl Acetate	7.164	43	17745	19.309	ug/l	97
38) Carbon Tetrachloride	7.994	117	38773	21.155	ug/l	89
39) Methylcyclohexane	9.276	83	37166	18.225	ug/l	98
40) Benzene	8.252	78	112886	20.500	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.400	41	9234	18.157	ug/l	98
42) 1,2-Dichloroethane	8.329	62	34403	21.561	ug/l	100
43) Isopropyl Acetate	8.358	43	32236	19.344	ug/l	98
44) Trichloroethene	9.029	130	27140	21.232	ug/l	98
45) 1,2-Dichloropropane	9.305	63	30235	21.409	ug/l	96
46) Dibromomethane	9.394	93	17459	22.706	ug/l	95
47) Bromodichloromethane	9.582	83	41844	21.441	ug/l	96
48) Methyl methacrylate	9.376	41	14510	18.325	ug/l	96
49) 1,4-Dioxane	9.382	88	3881	424.539	ug/l	96
51) 4-Methyl-2-Pentanone	10.158	43	86390	100.614	ug/l	93
52) Toluene	10.335	92	69044	20.812	ug/l	94
53) t-1,3-Dichloropropene	10.552	75	35761	20.100	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	41281	20.022	ug/l	99
55) 1,1,2-Trichloroethane	10.735	97	22028	21.658	ug/l	96
56) Ethyl methacrylate	10.594	69	23711	19.239	ug/l	94
57) 1,3-Dichloropropane	10.876	76	36305	21.477	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.870	63	48960	97.071	ug/l	98
59) 2-Hexanone	10.917	43	56917	96.363	ug/l	96
60) Dibromochloromethane	11.076	129	28772	22.573	ug/l	98
61) 1,2-Dibromoethane	11.176	107	20063	21.273	ug/l	97
64) Tetrachloroethene	10.811	164	22626	19.638	ug/l	97
65) Chlorobenzene	11.605	112	75690	19.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.676	131	27455	20.802	ug/l	98
67) Ethyl Benzene	11.682	91	123851	19.292	ug/l	100
68) m/p-Xylenes	11.793	106	97306	39.036	ug/l	98
69) o-Xylene	12.117	106	43711	19.190	ug/l	93
70) Styrene	12.135	104	80039	19.569	ug/l	98
71) Bromoform	12.293	173	16564	21.123	ug/l #	100
73) Isopropylbenzene	12.417	105	109729	17.957	ug/l	98
74) N-amyl acetate	12.229	43	31168	17.772	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.670	83	26515	19.732	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	32922	36.211	ug/l #	100
77) Bromobenzene	12.699	156	32251	20.347	ug/l	99
78) n-propylbenzene	12.758	91	145714	19.002	ug/l	99
79) 2-Chlorotoluene	12.846	91	86837	19.468	ug/l	99
80) 1,3,5-Trimethylbenzene	12.899	105	100106	19.207	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.470	75	9310	19.438	ug/l	96
82) 4-Chlorotoluene	12.946	91	93535	19.426	ug/l	99
83) tert-Butylbenzene	13.164	119	80335	18.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.211	105	102044	19.136	ug/l	98
85) sec-Butylbenzene	13.340	105	125033	18.643	ug/l	99
86) p-Isopropyltoluene	13.458	119	107020	18.986	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	65750	19.891	ug/l	96
88) 1,4-Dichlorobenzene	13.535	146	65246	19.579	ug/l	98
89) n-Butylbenzene	13.787	91	98233	17.952	ug/l	98
90) Hexachloroethane	14.046	117	24479	19.627	ug/l	99
91) 1,2-Dichlorobenzene	13.829	146	56894	19.813	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.446	75	4473	20.886	ug/l	99
93) 1,2,4-Trichlorobenzene	15.099	180	33330	18.457	ug/l	98
94) Hexachlorobutadiene	15.199	225	17589	18.722	ug/l	99
95) Naphthalene	15.329	128	59557	17.564	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	29810	18.457	ug/l	97

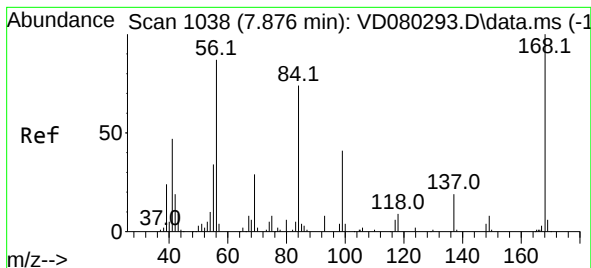
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
Data File : VD080320.D
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Operator : RP/MD
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Quant Time: May 15 03:34:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
Quant Title : SW846 8260
QLast Update : Wed May 07 08:57:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.876 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

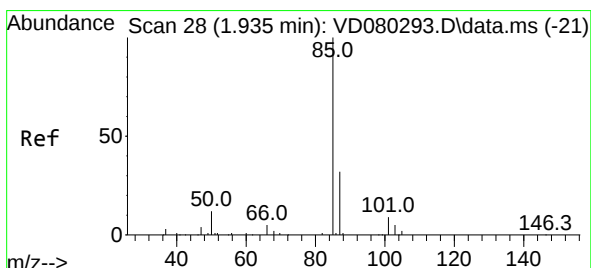
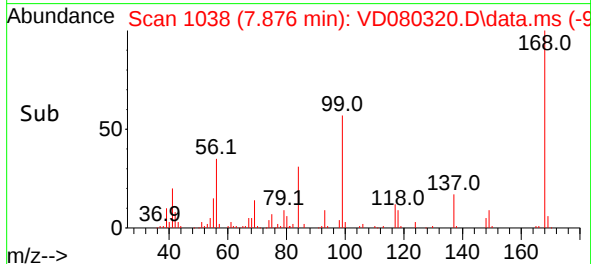
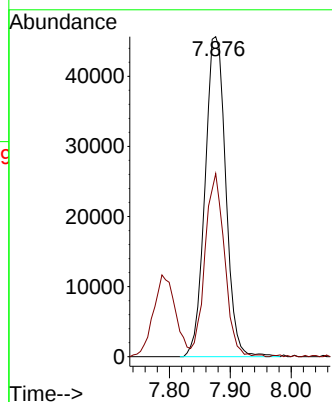
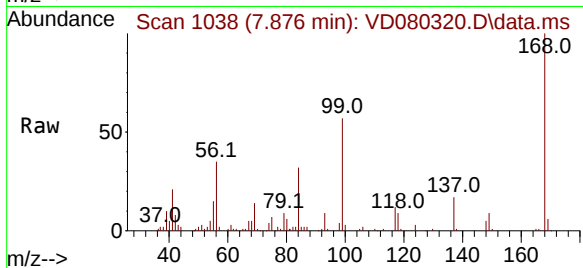
VD0514SBSD01

Tgt Ion:168 Resp: 108123

Ion Ratio Lower Upper

168 100

99 56.7 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 26.028 ug/l

RT: 1.935 min Scan# 28

Delta R.T. 0.001 min

Lab File: VD080320.D

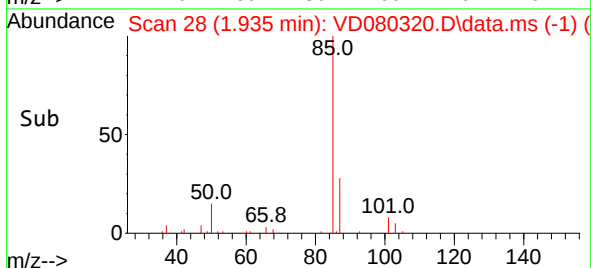
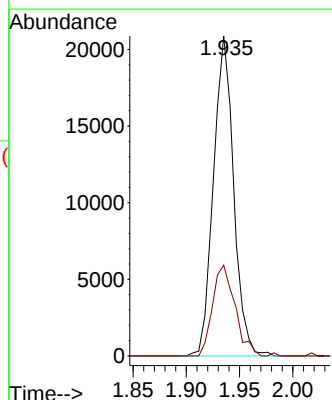
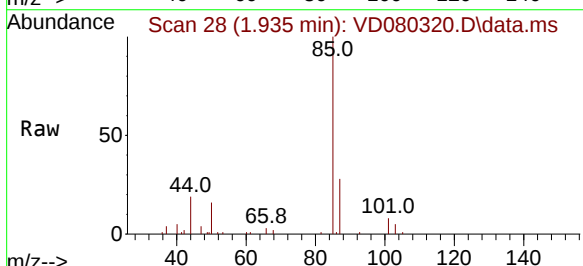
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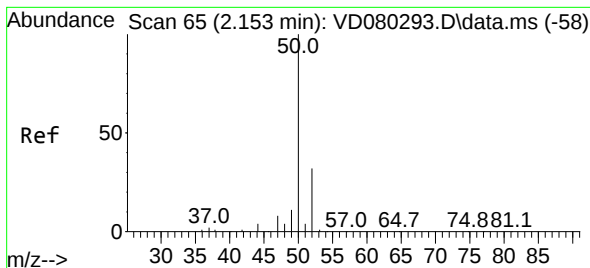
Tgt Ion: 85 Resp: 27447

Ion Ratio Lower Upper

85 100

87 28.4 16.1 48.2





#3

Chloromethane

Concen: 20.439 ug/l

RT: 2.153 min Scan# 65

Delta R.T. 0.007 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

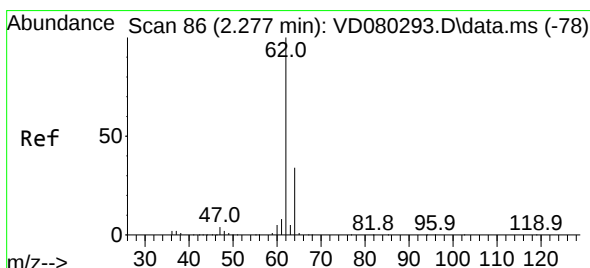
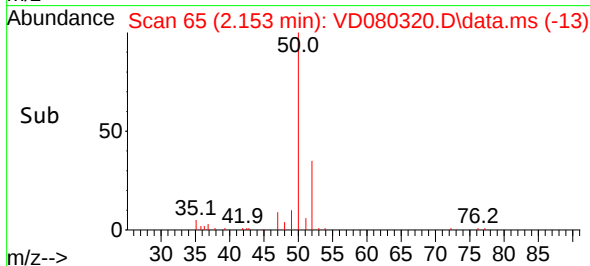
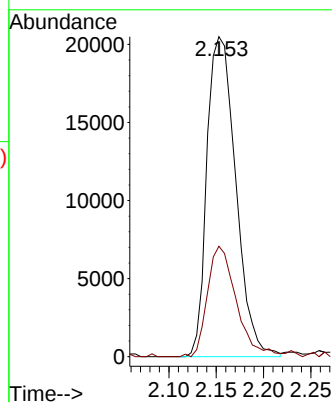
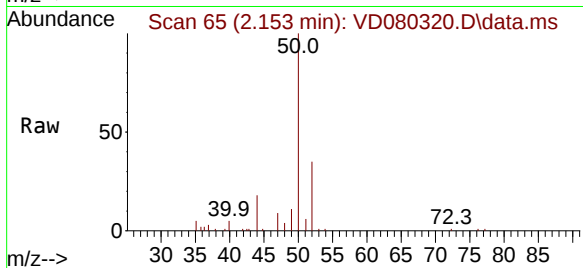
VD0514SBS01

Tgt Ion: 50 Resp: 43430

Ion Ratio Lower Upper

50 100

52 34.5 28.8 43.2



#4

Vinyl Chloride

Concen: 20.730 ug/l

RT: 2.276 min Scan# 86

Delta R.T. -0.005 min

Lab File: VD080320.D

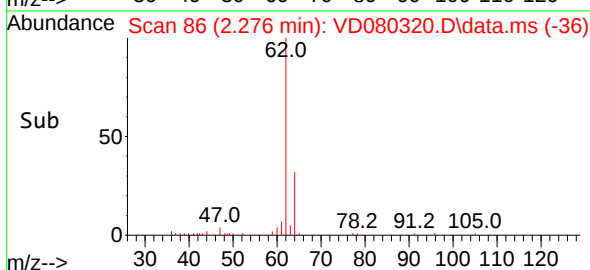
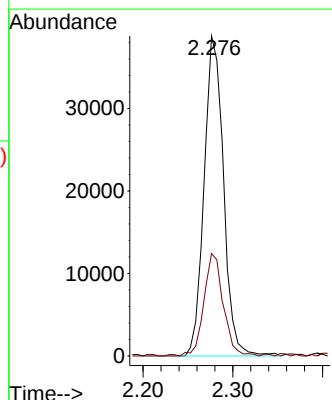
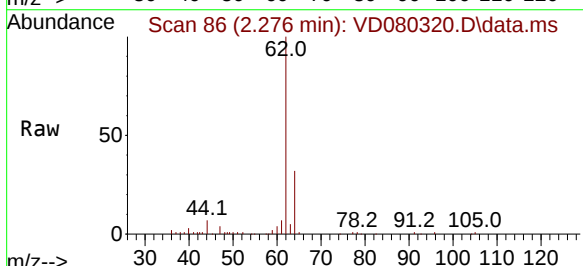
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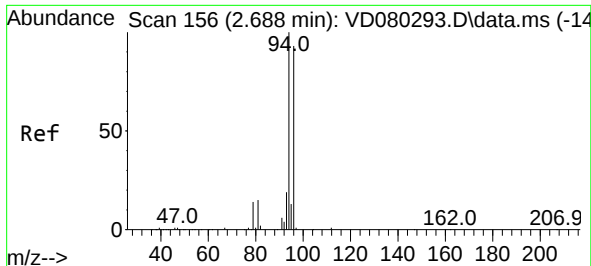
Tgt Ion: 62 Resp: 58270

Ion Ratio Lower Upper

62 100

64 32.0 26.5 39.7

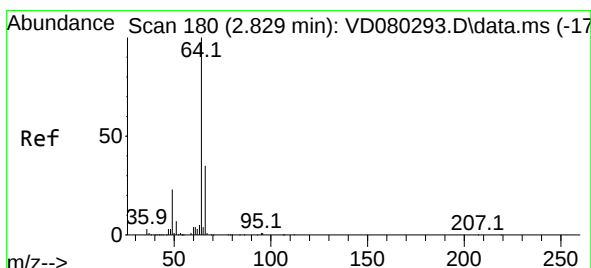
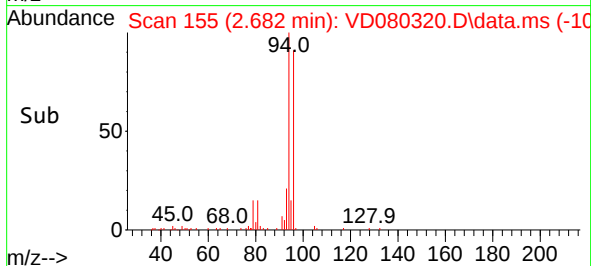
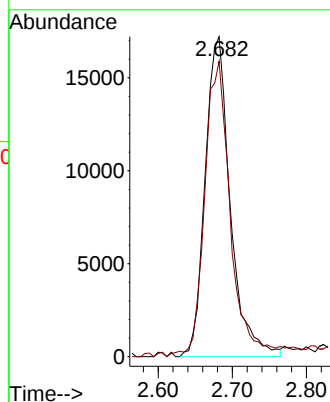
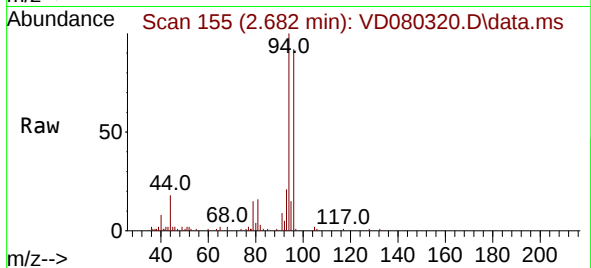




#5
Bromomethane
Concen: 20.070 ug/l
RT: 2.682 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

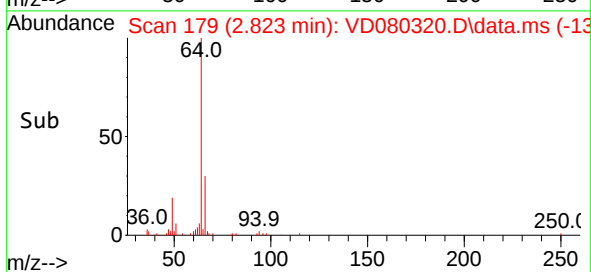
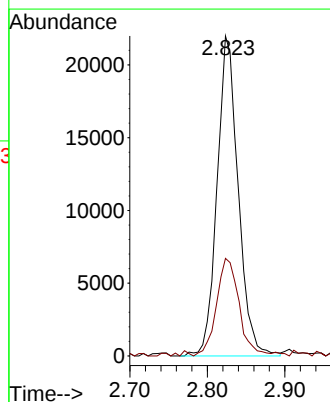
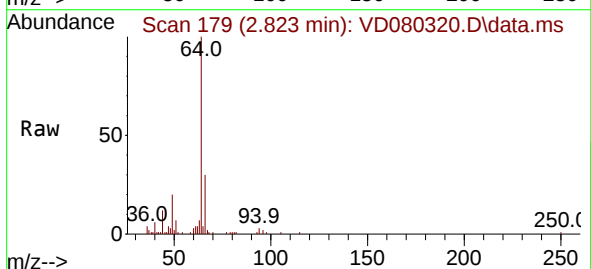
Instrument :
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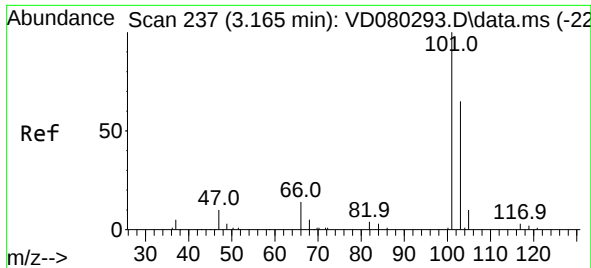
Tgt Ion: 94 Resp: 40608
Ion Ratio Lower Upper
94 100
96 93.5 76.2 114.2



#6
Chloroethane
Concen: 20.954 ug/l
RT: 2.823 min Scan# 179
Delta R.T. -0.011 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 64 Resp: 41644
Ion Ratio Lower Upper
64 100
66 30.5 27.6 41.4

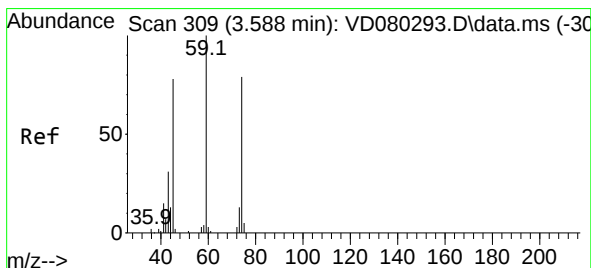
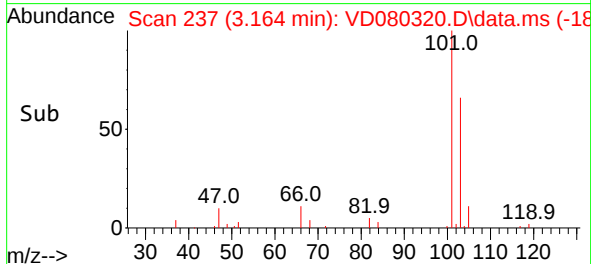
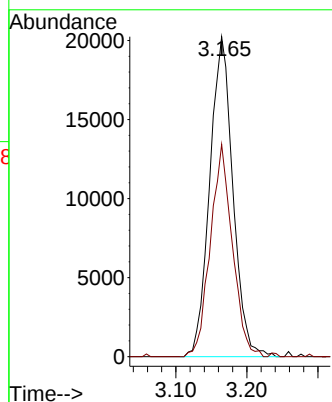
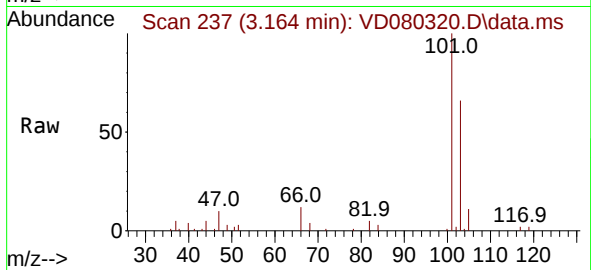




#7
Trichlorofluoromethane
Concen: 21.263 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

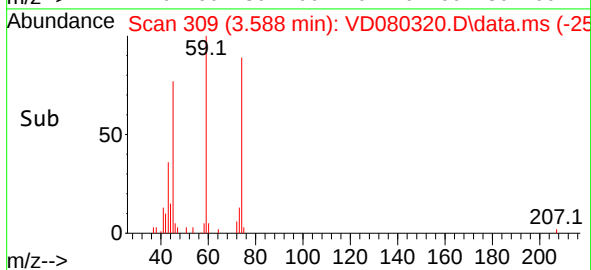
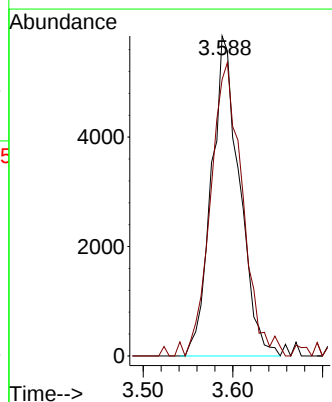
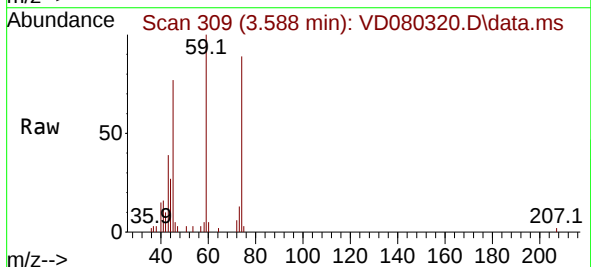
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

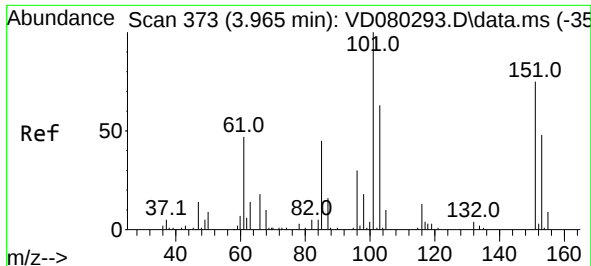
Tgt Ion:101 Resp: 45828
Ion Ratio Lower Upper
101 100
103 66.3 53.0 79.6



#8
Diethyl Ether
Concen: 19.114 ug/l
RT: 3.588 min Scan# 309
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 74 Resp: 12717
Ion Ratio Lower Upper
74 100
45 104.1 47.8 143.3

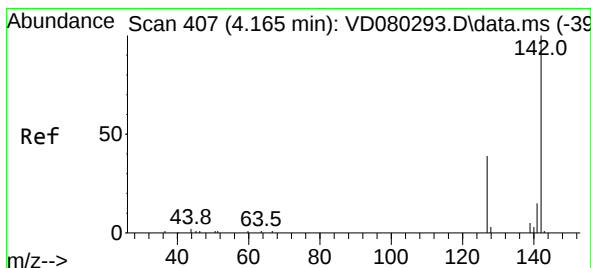
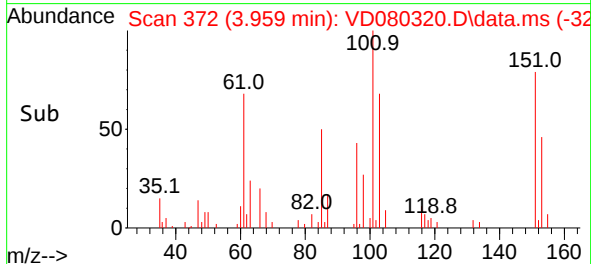
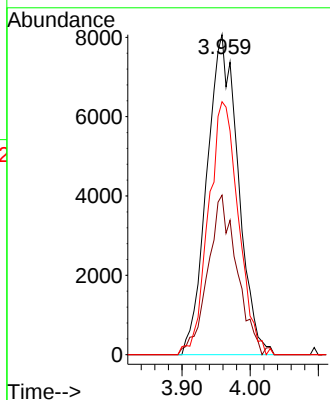
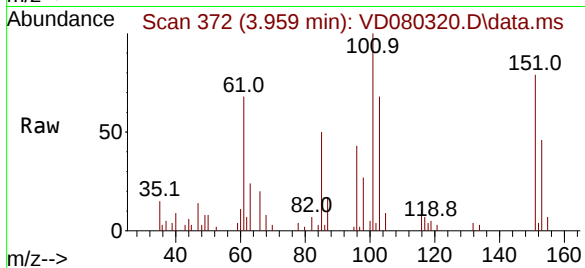




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.405 ug/l
RT: 3.959 min Scan# 31
Delta R.T. -0.011 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

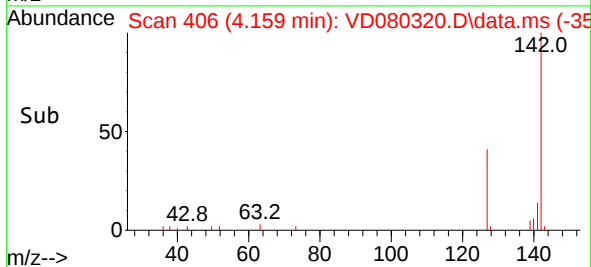
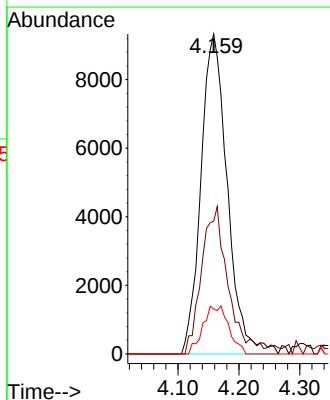
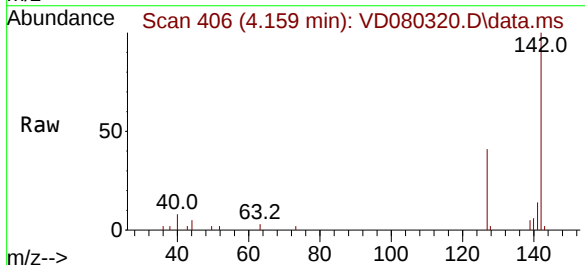
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

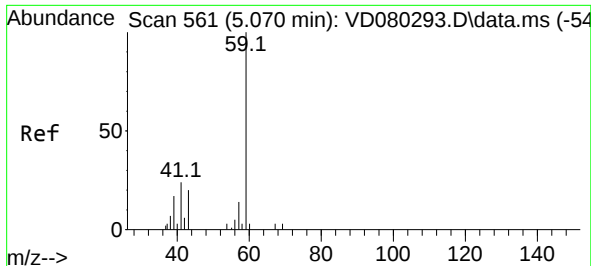
Tgt Ion:101 Resp: 25769
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 75.7 60.3 90.5



#10
Methyl Iodide
Concen: 20.792 ug/l
RT: 4.159 min Scan# 406
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:142 Resp: 28146
Ion Ratio Lower Upper
142 100
127 46.0 35.3 52.9
141 14.6 12.2 18.2

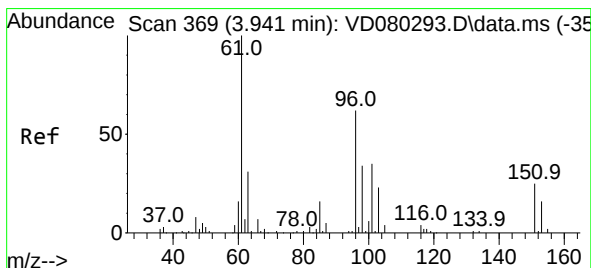
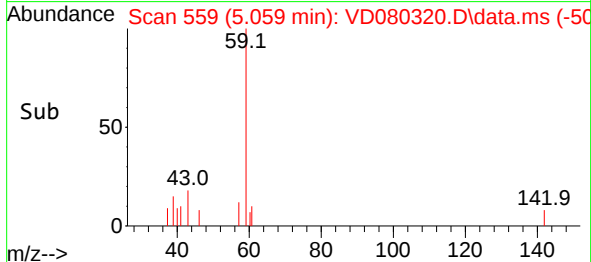
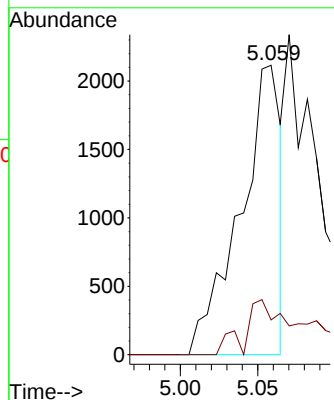
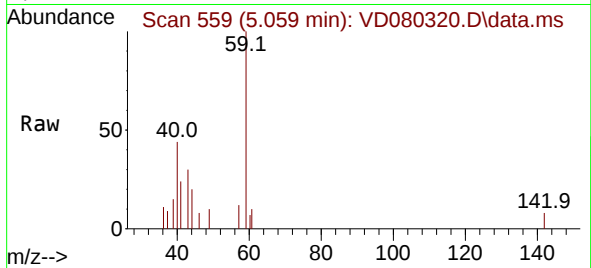




#11
Tert butyl alcohol
Concen: 45.353 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

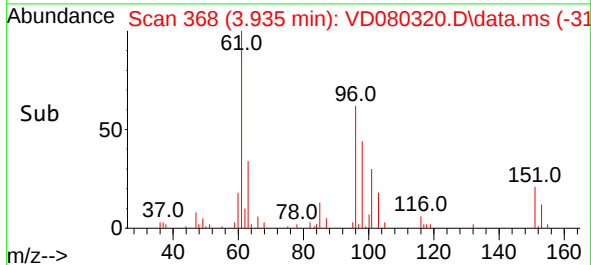
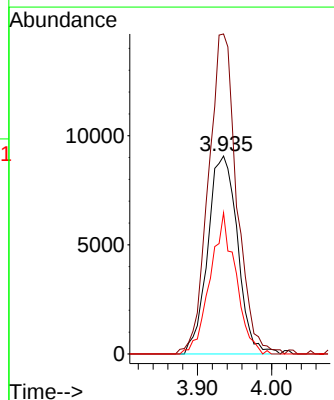
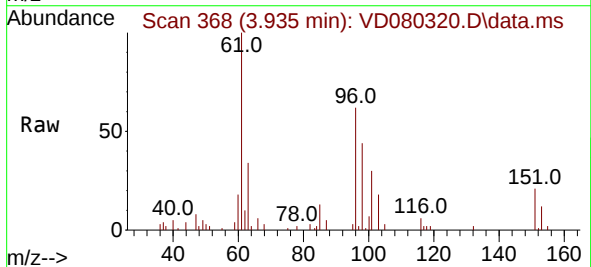
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

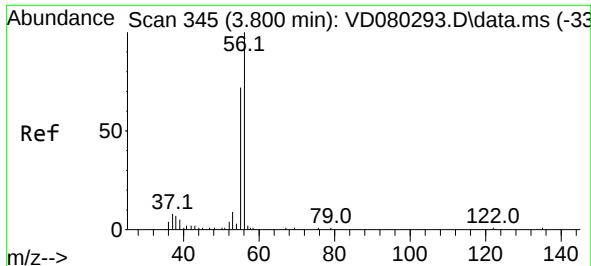
Tgt Ion: 59 Resp: 3848
Ion Ratio Lower Upper
59 100
57 21.2 4.8 7.2#



#12
1,1-Dichloroethene
Concen: 19.326 ug/l
RT: 3.935 min Scan# 368
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 96 Resp: 25302
Ion Ratio Lower Upper
96 100
61 159.6 122.6 184.0
98 71.3 47.1 70.7#

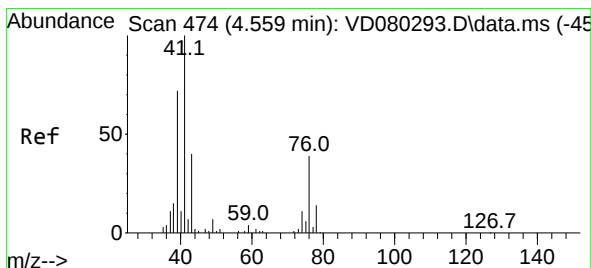
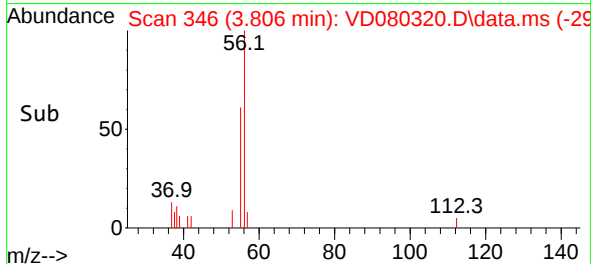
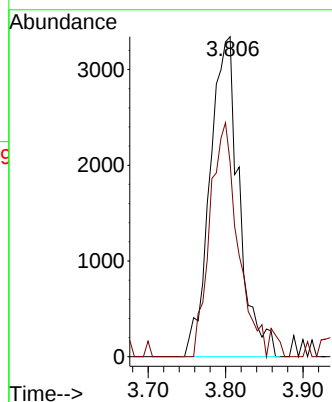
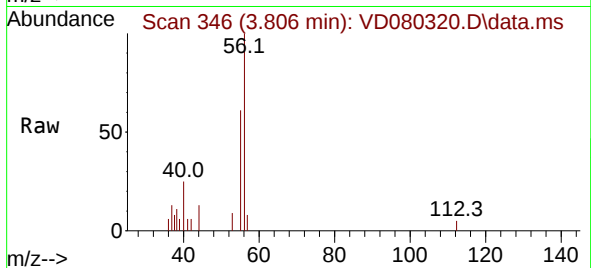




#13
Acrolein
Concen: 58.707 ug/l
RT: 3.806 min Scan# 345
Delta R.T. 0.013 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

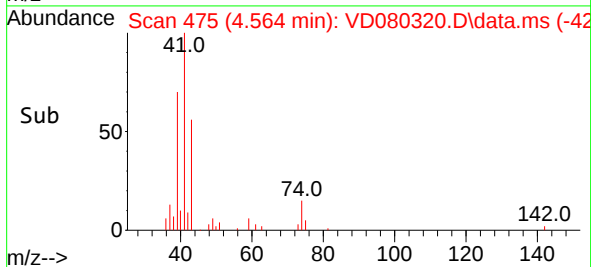
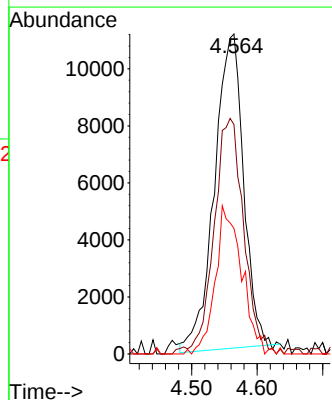
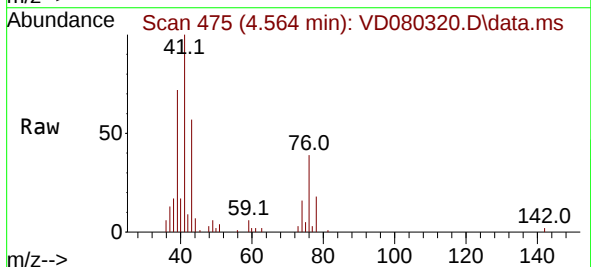
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

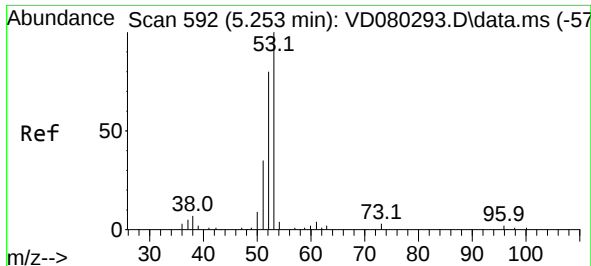
Tgt Ion: 56 Resp: 8764
Ion Ratio Lower Upper
56 100
55 69.6 58.2 87.2



#14
Allyl chloride
Concen: 16.531 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 41 Resp: 34037
Ion Ratio Lower Upper
41 100
39 76.2 53.3 79.9
76 42.6 32.0 48.0

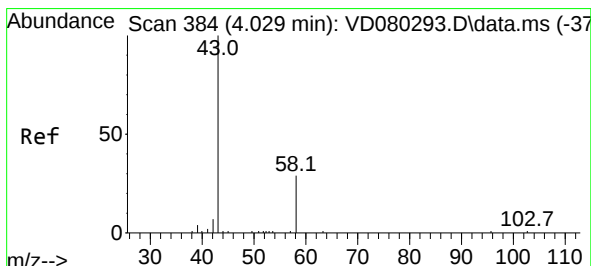
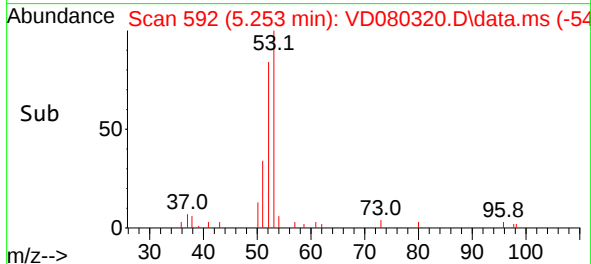
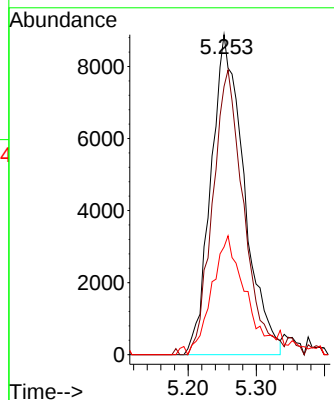
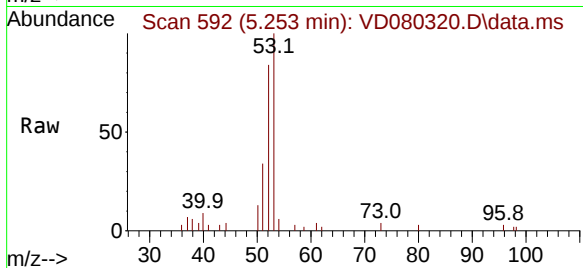




#15
Acrylonitrile
Concen: 93.929 ug/l
RT: 5.253 min Scan# 592
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

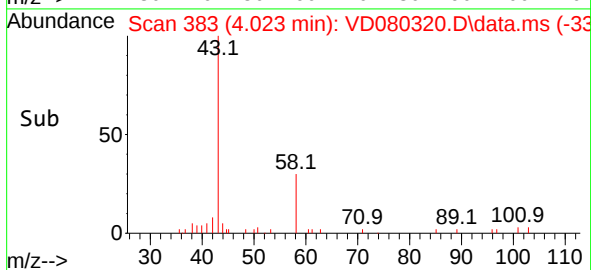
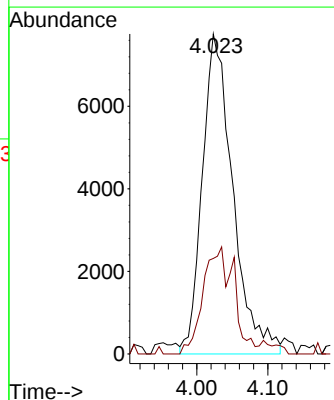
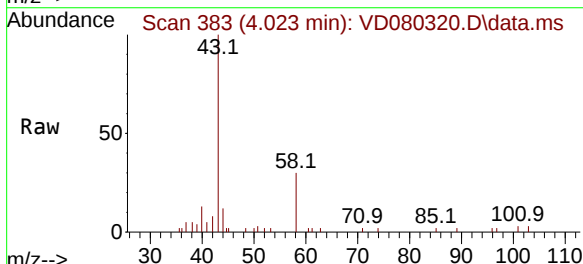
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

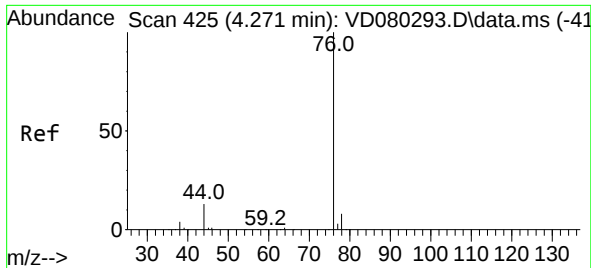
Tgt Ion:	53	Resp:	30044
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.4
51	39.3	30.3	45.5



#16
Acetone
Concen: 98.134 ug/l
RT: 4.023 min Scan# 383
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:	43	Resp:	23160
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.4	38.2

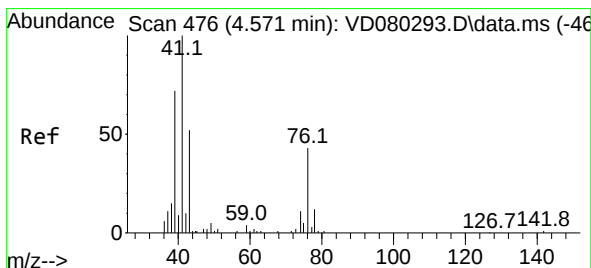
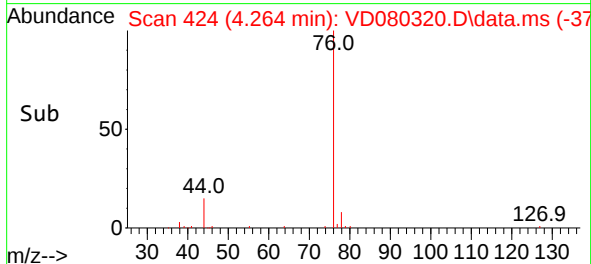
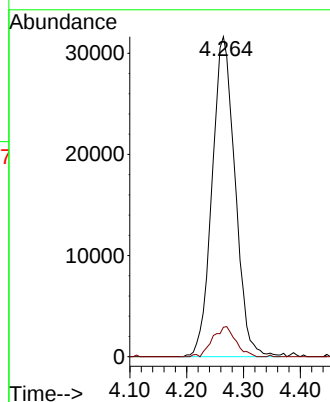
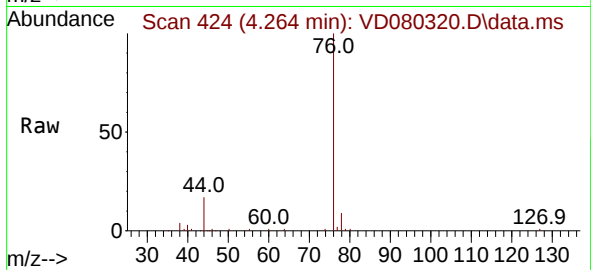




#17
Carbon Disulfide
Concen: 19.569 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

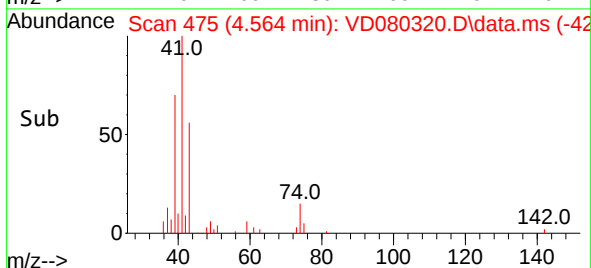
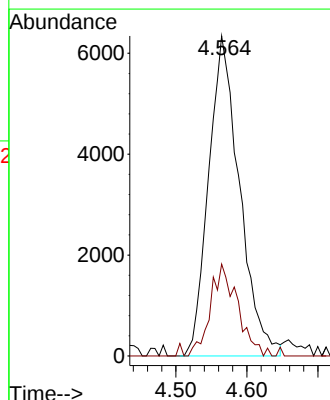
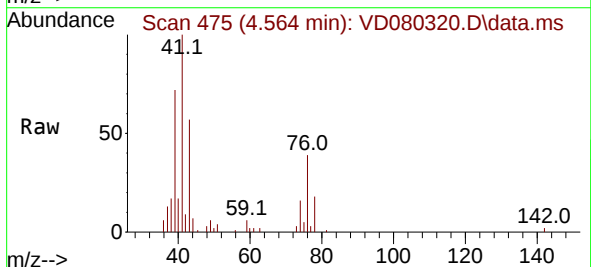
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

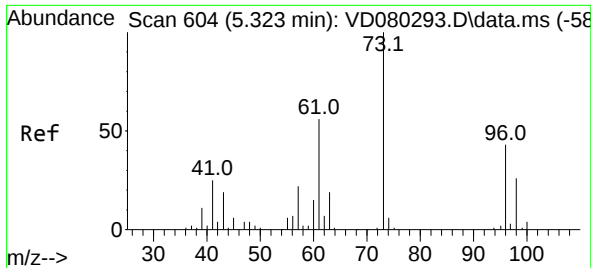
Tgt Ion: 76 Resp: 88967
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 21.205 ug/l
RT: 4.564 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 43 Resp: 19185
Ion Ratio Lower Upper
43 100
74 25.3 20.5 30.7

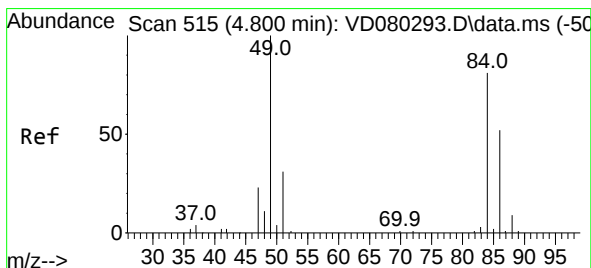
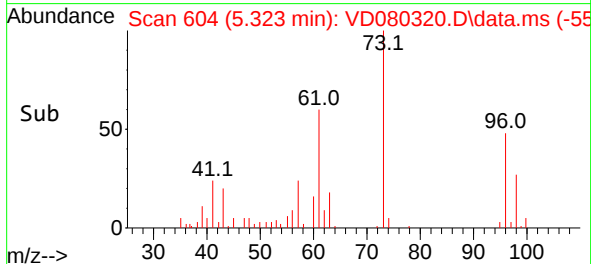
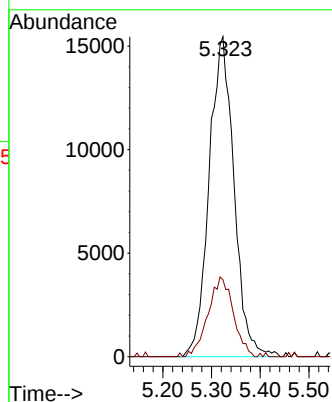
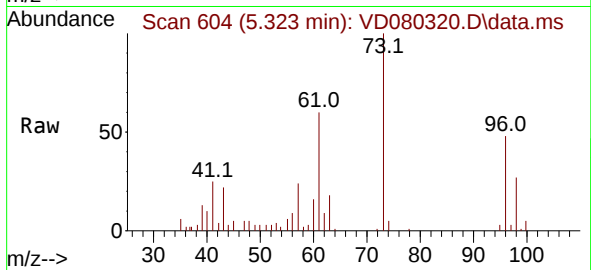




#19
Methyl tert-butyl Ether
Concen: 19.039 ug/l
RT: 5.323 min Scan# 604
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

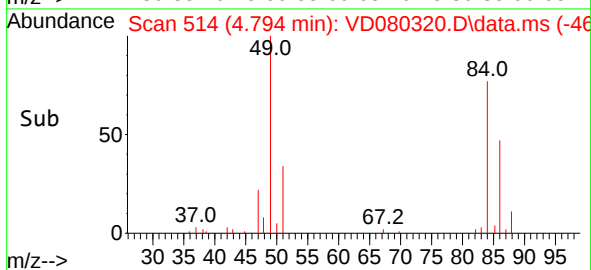
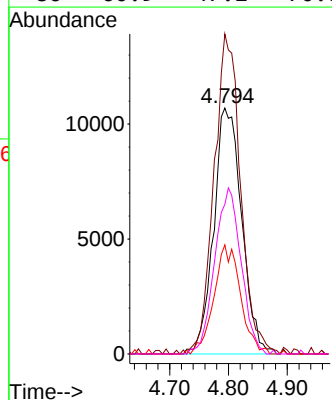
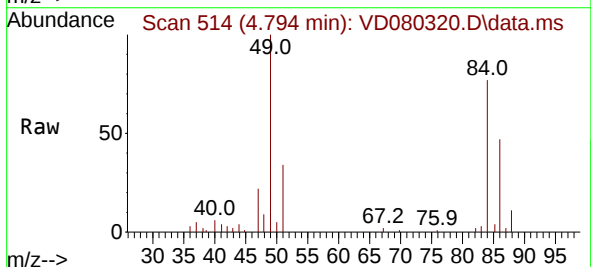
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

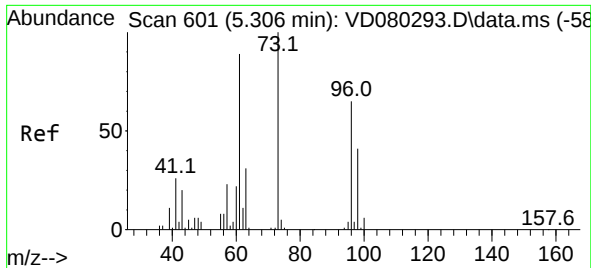
Tgt Ion: 73 Resp: 54758
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2



#20
Methylene Chloride
Concen: 21.509 ug/l
RT: 4.794 min Scan# 514
Delta R.T. -0.011 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 84 Resp: 35374
Ion Ratio Lower Upper
84 100
49 130.1 86.5 129.7#
51 44.4 26.9 40.3#
86 60.9 47.2 70.8

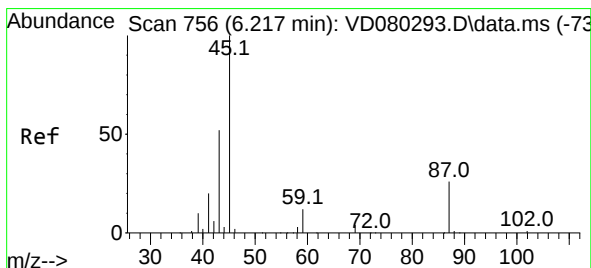
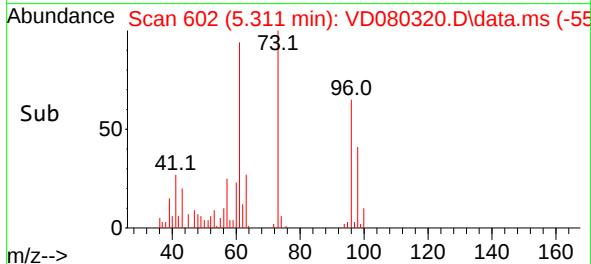
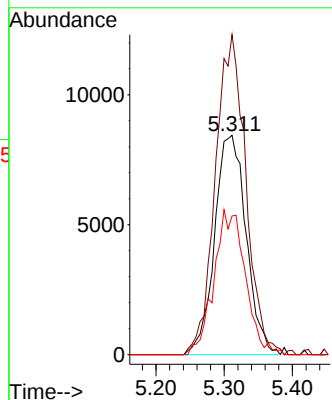
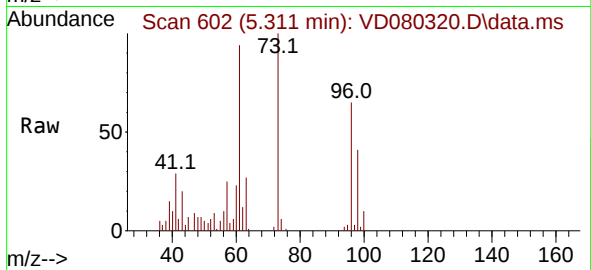




#21
trans-1,2-Dichloroethene
Concen: 19.094 ug/l
RT: 5.311 min Scan# 601
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

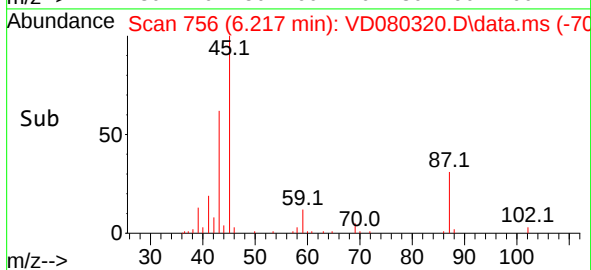
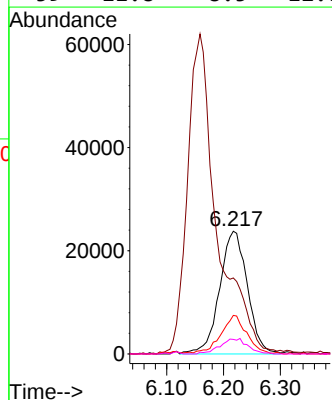
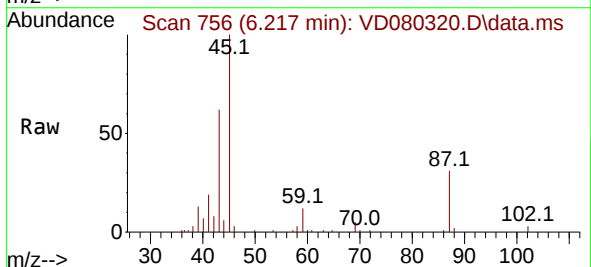
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

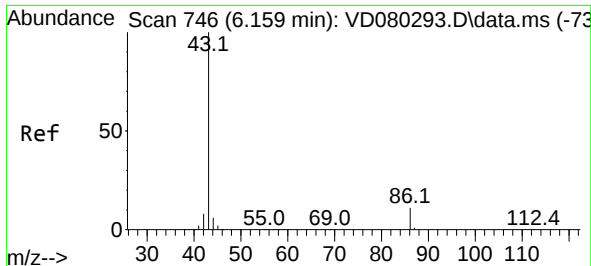
Tgt Ion: 96 Resp: 27157
Ion Ratio Lower Upper
96 100
61 145.9 109.4 164.0
98 63.3 49.8 74.8



#22
Diisopropyl ether
Concen: 19.064 ug/l
RT: 6.217 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 45 Resp: 80858
Ion Ratio Lower Upper
45 100
43 58.9 42.6 63.8
87 30.8 22.7 34.1
59 11.8 8.5 12.7

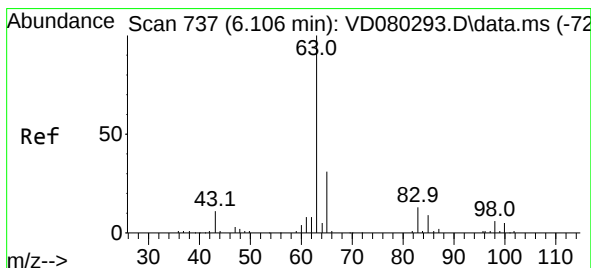
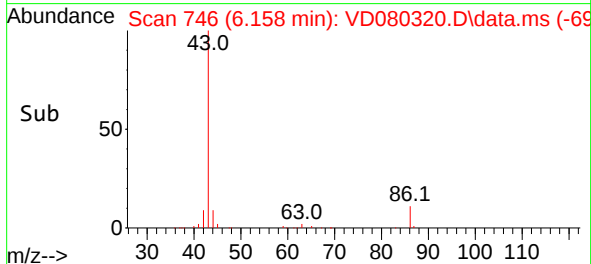
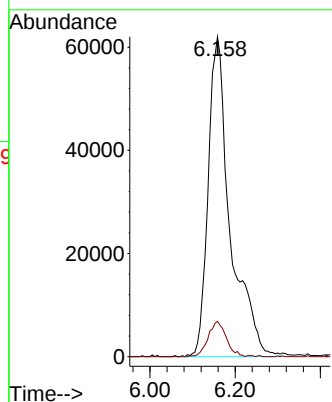
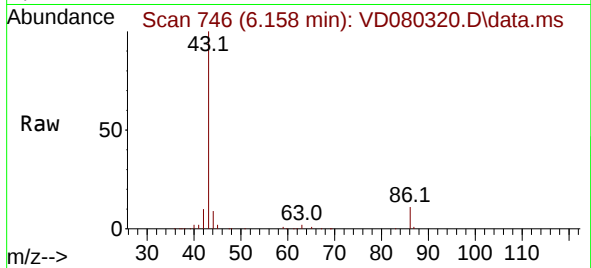




#23
 Vinyl Acetate
 Concen: 90.390 ug/l
 RT: 6.158 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

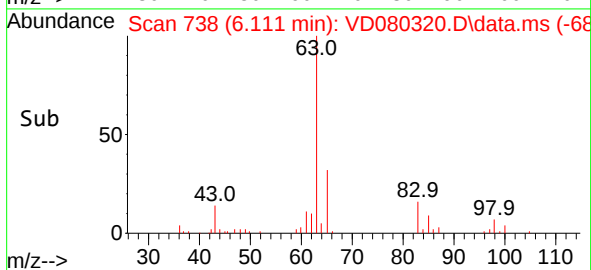
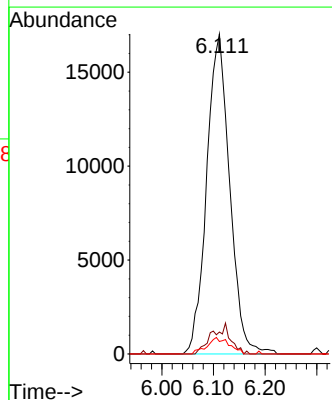
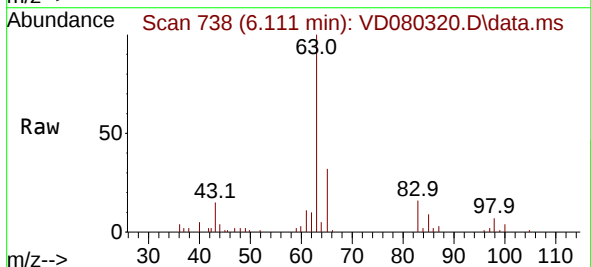
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBSD01

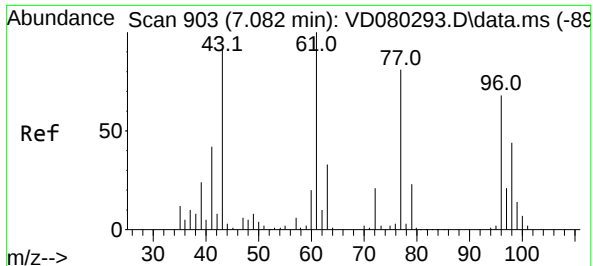
Tgt Ion: 43 Resp: 223292
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.771 ug/l
 RT: 6.111 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

Tgt Ion: 63 Resp: 52770
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 90.569 ug/l

RT: 7.082 min Scan# 903

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

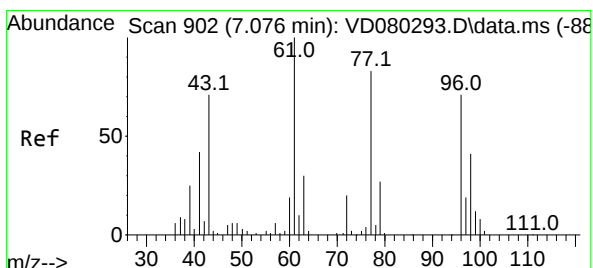
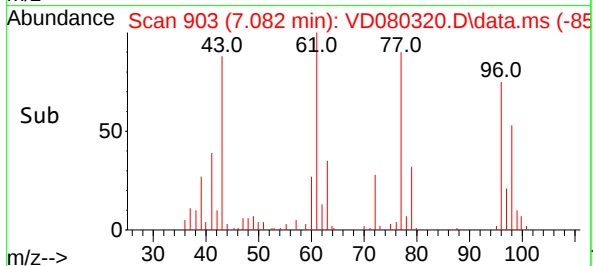
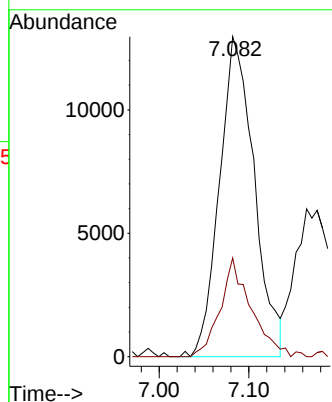
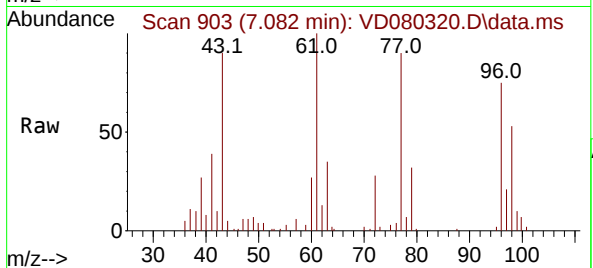
VD0514SBSD01

Tgt Ion: 43 Resp: 34843

Ion Ratio Lower Upper

43 100

72 30.9 22.3 33.5



#26

2,2-Dichloropropane

Concen: 19.016 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.007 min

Lab File: VD080320.D

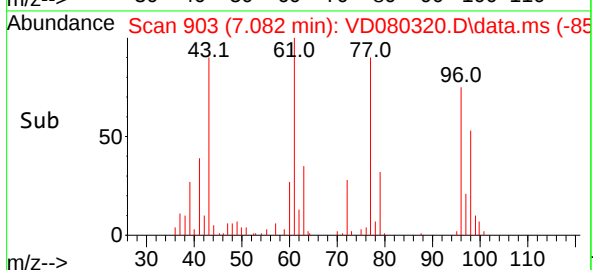
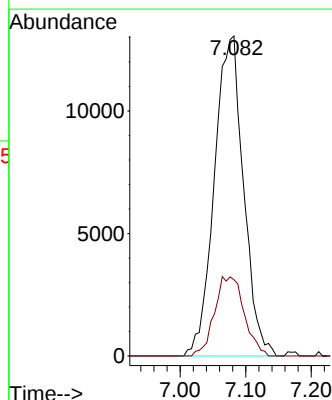
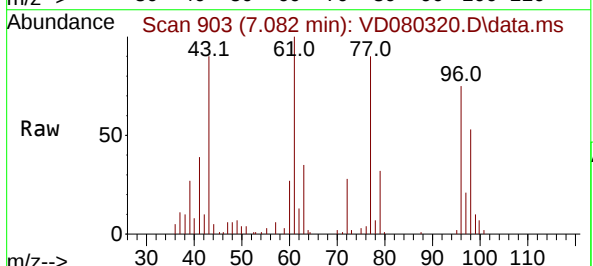
Acq: 14 May 2025 13:57

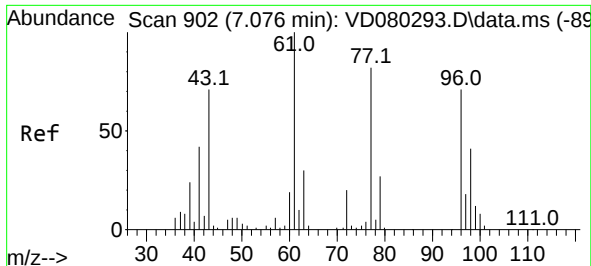
Tgt Ion: 77 Resp: 40387

Ion Ratio Lower Upper

77 100

97 25.2 11.9 35.9



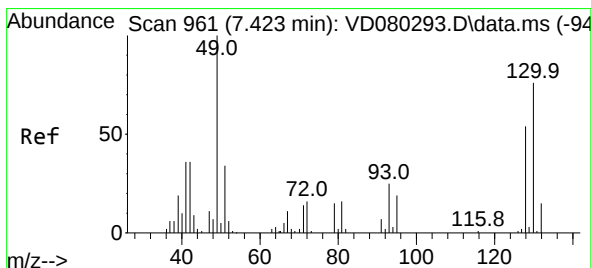
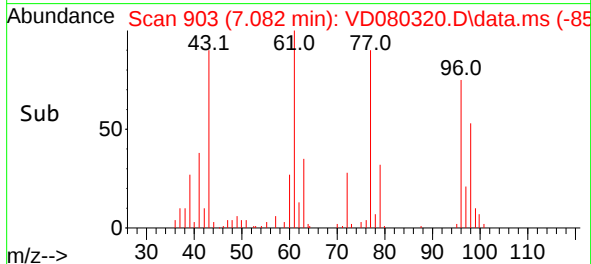
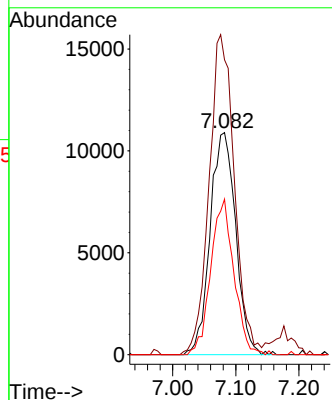
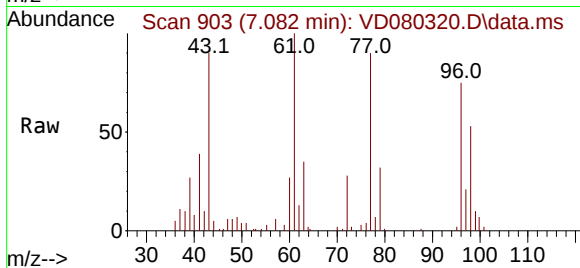


#27
 cis-1,2-Dichloroethene
 Concen: 19.488 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.001 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBS01

Tgt Ion: 96 Resp: 30708

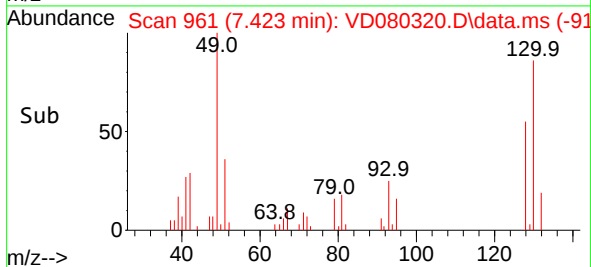
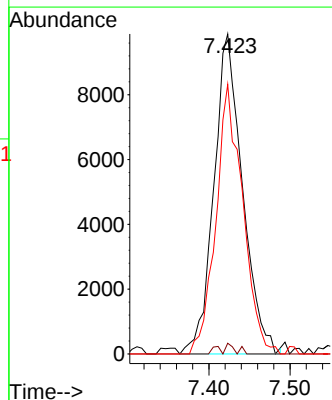
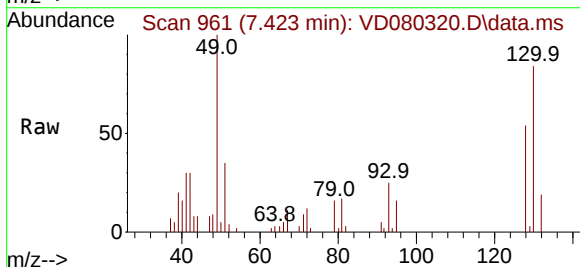
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	278.2
98	63.2	0.0	127.8

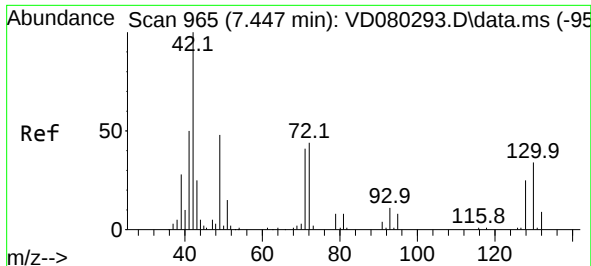


#28
 Bromochloromethane
 Concen: 19.464 ug/l
 RT: 7.423 min Scan# 961
 Delta R.T. -0.005 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

Tgt Ion: 49 Resp: 24188

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	79.0	64.6	97.0





#29

Tetrahydrofuran

Concen: 97.027 ug/l

RT: 7.452 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

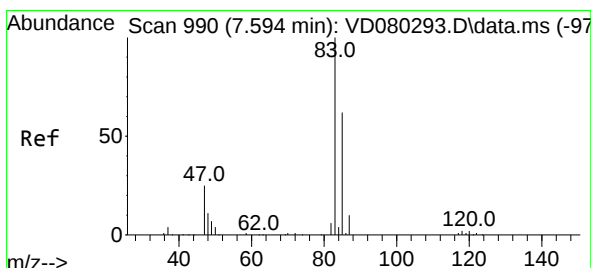
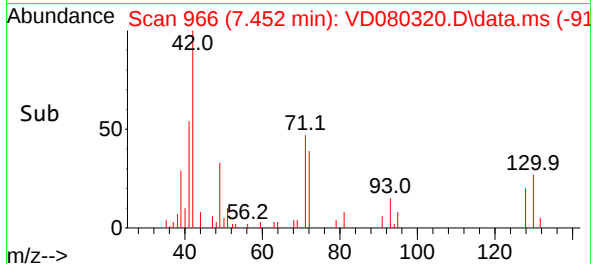
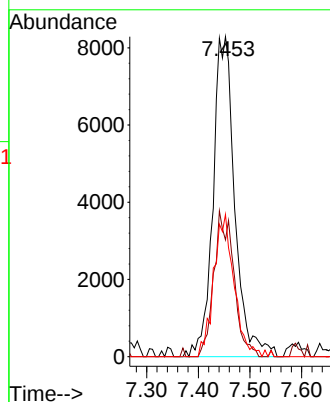
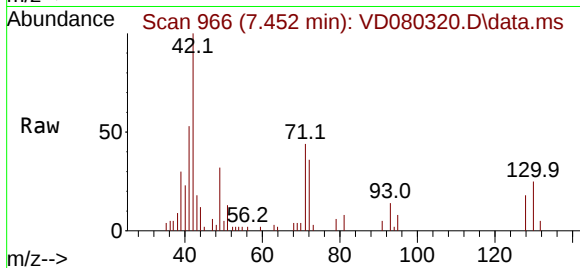
Tgt Ion: 42 Resp: 24338

Ion Ratio Lower Upper

42 100

72 41.5 36.7 55.1

71 41.2 34.4 51.6



#30

Chloroform

Concen: 20.386 ug/l

RT: 7.594 min Scan# 990

Delta R.T. -0.005 min

Lab File: VD080320.D

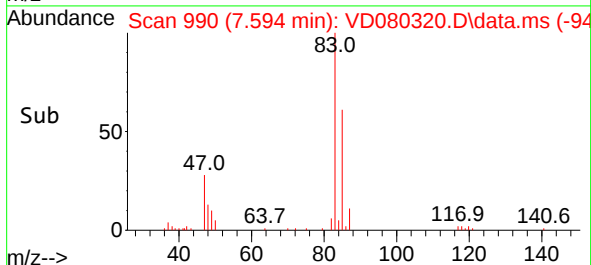
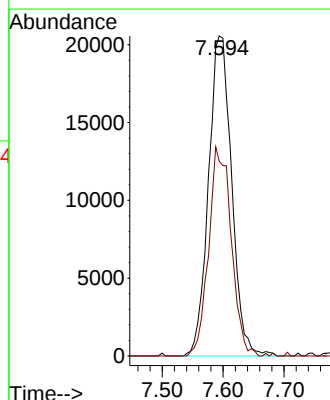
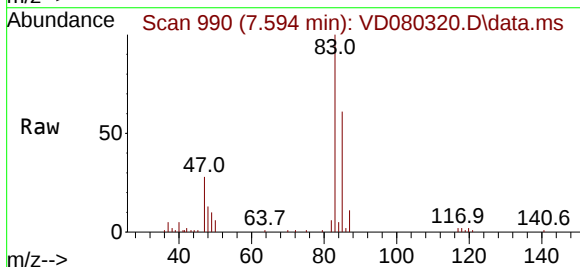
Acq: 14 May 2025 13:57

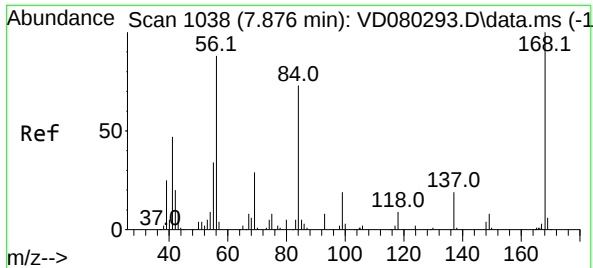
Tgt Ion: 83 Resp: 54260

Ion Ratio Lower Upper

83 100

85 60.8 50.8 76.2

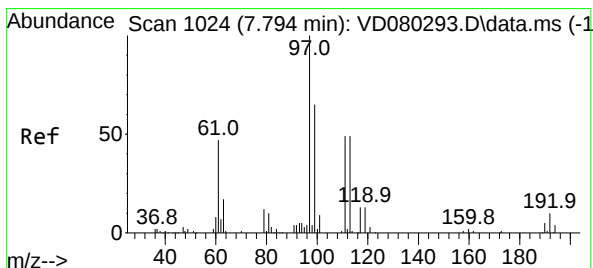
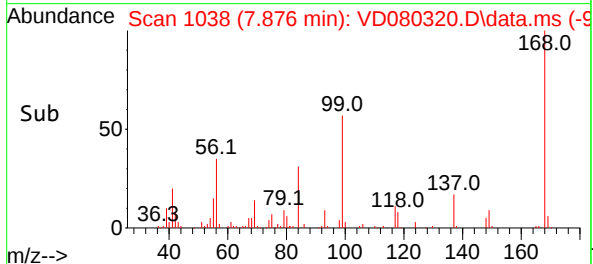
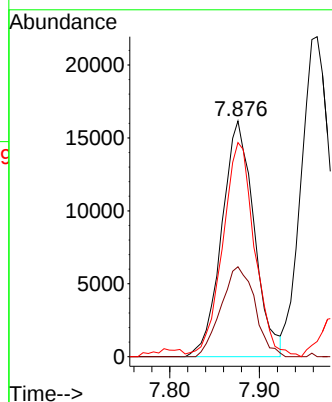
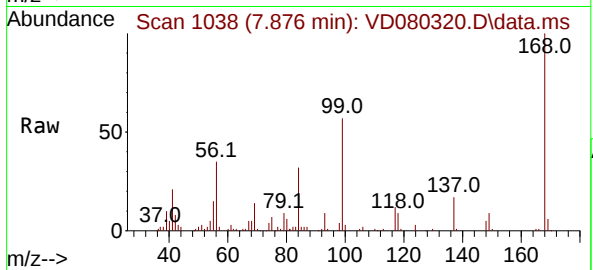




#31
Cyclohexane
Concen: 17.821 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

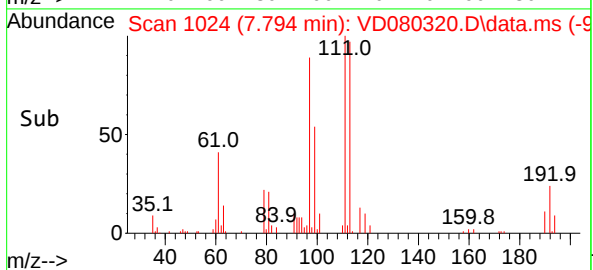
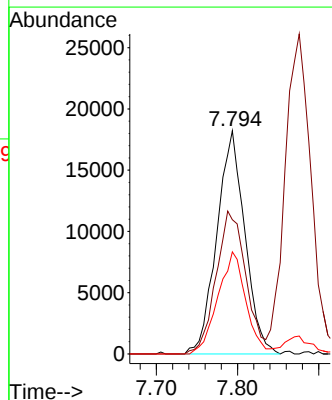
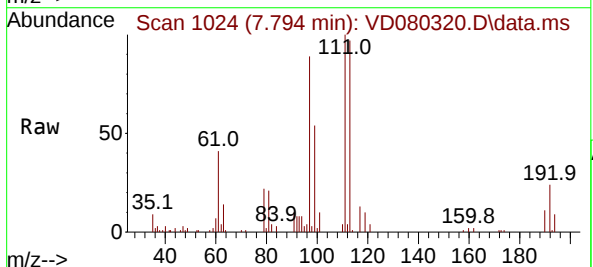
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

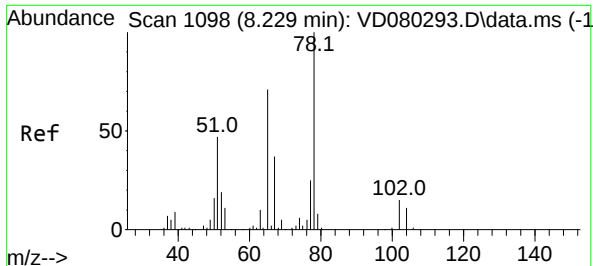
Tgt Ion: 56 Resp: 40481
Ion Ratio Lower Upper
56 100
69 38.2 27.3 40.9
84 87.8 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 20.146 ug/l
RT: 7.794 min Scan# 1024
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 97 Resp: 43747
Ion Ratio Lower Upper
97 100
99 67.9 50.7 76.1
61 45.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.825 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

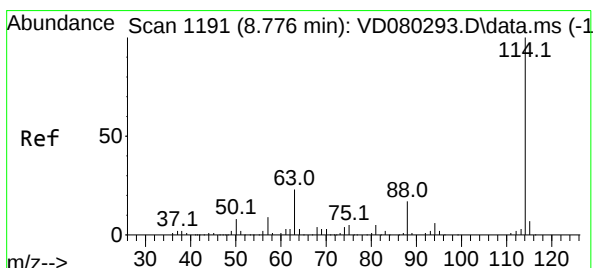
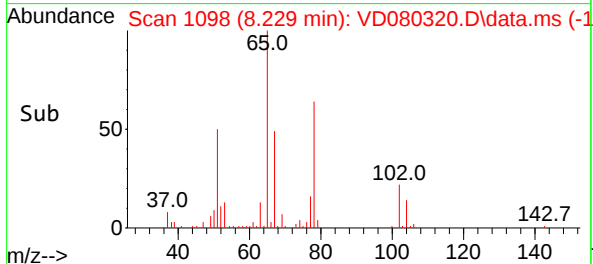
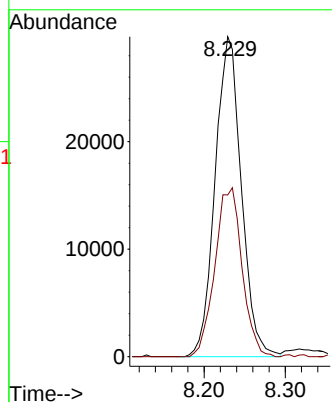
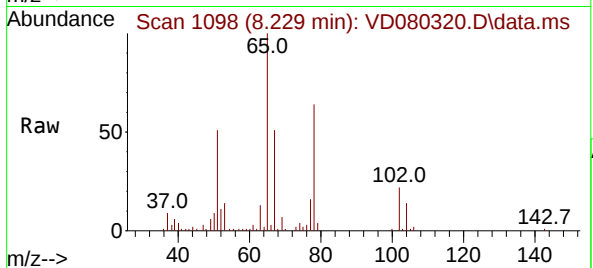
VD0514SBSD01

Tgt Ion: 65 Resp: 66869

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

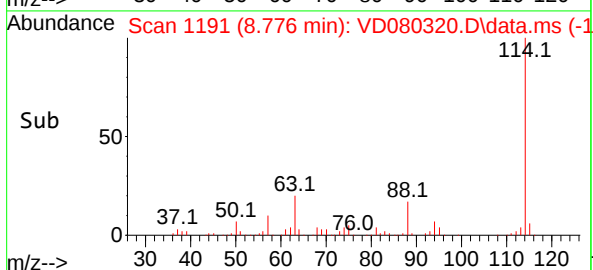
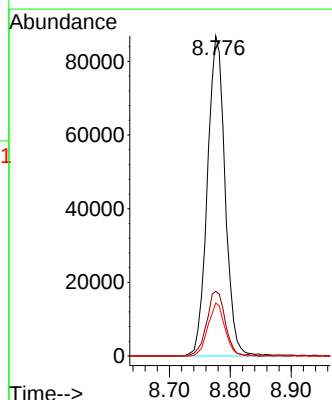
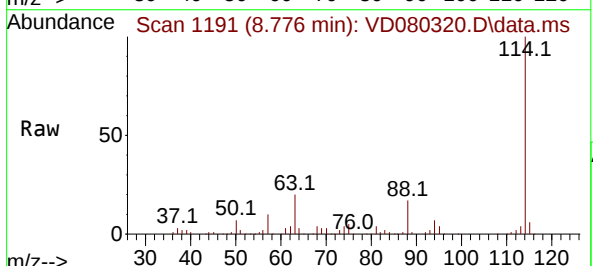
Tgt Ion: 114 Resp: 175447

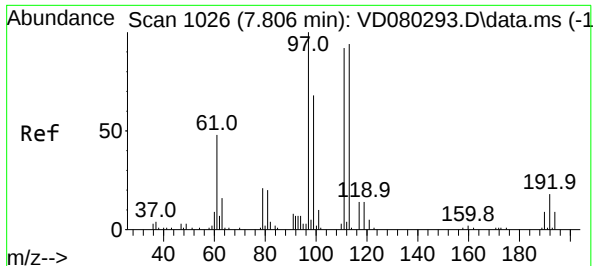
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.922 ug/l

RT: 7.805 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

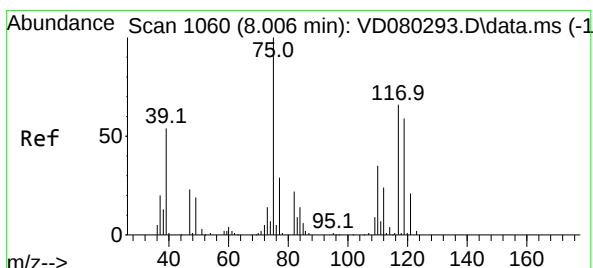
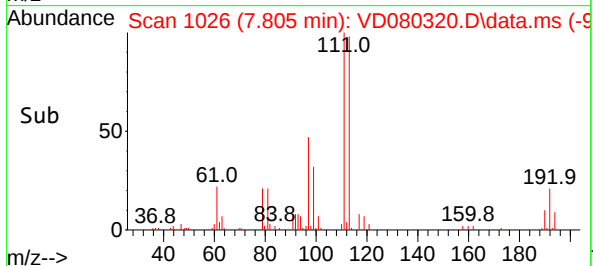
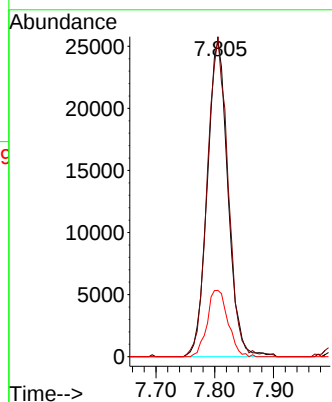
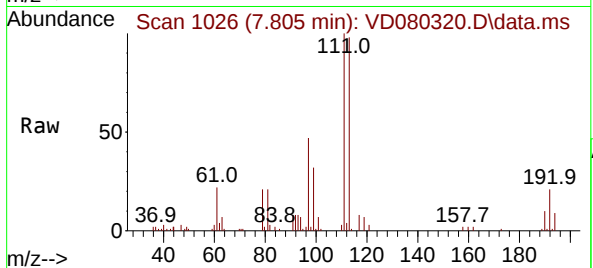
Tgt Ion:113 Resp: 62231

Ion Ratio Lower Upper

113 100

111 100.8 82.5 123.7

192 21.1 16.6 25.0



#36

1,1-Dichloropropene

Concen: 20.670 ug/l

RT: 8.005 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

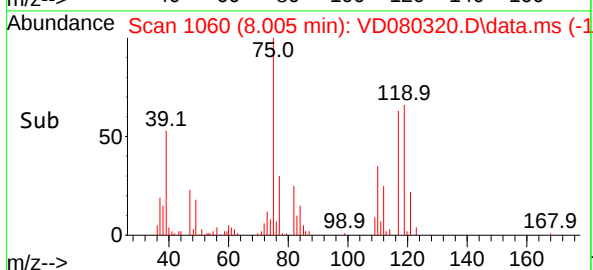
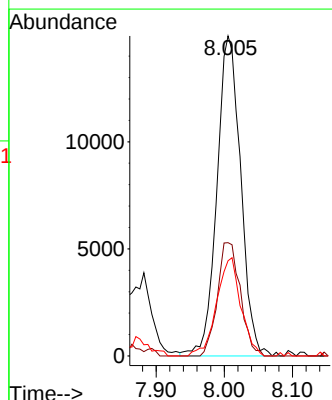
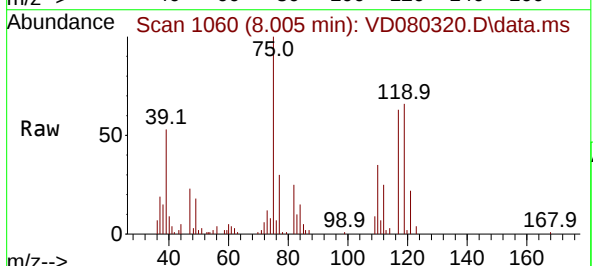
Tgt Ion: 75 Resp: 36327

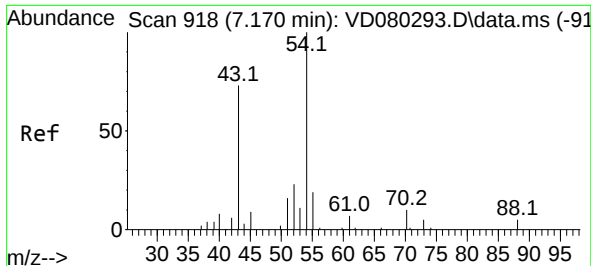
Ion Ratio Lower Upper

75 100

110 34.1 18.4 55.0

77 31.3 25.6 38.4





#37

Ethyl Acetate

Concen: 19.309 ug/l

RT: 7.164 min Scan# 917

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

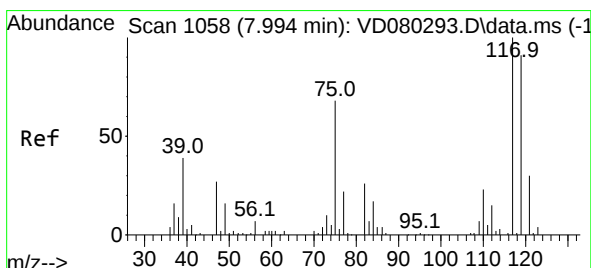
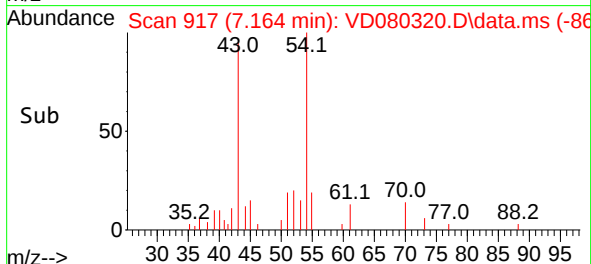
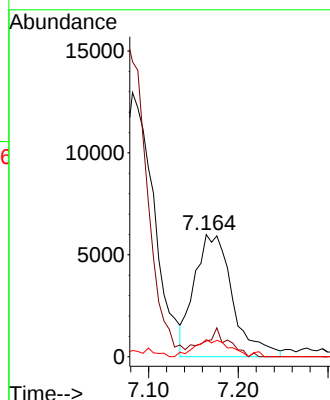
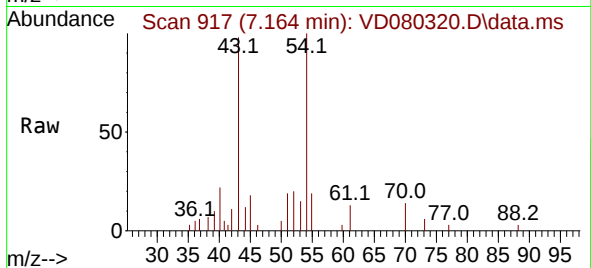
Tgt Ion: 43 Resp: 17745

Ion Ratio Lower Upper

43 100

61 15.5 11.0 16.4

70 12.4 9.4 14.2



#38

Carbon Tetrachloride

Concen: 21.155 ug/l

RT: 7.994 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

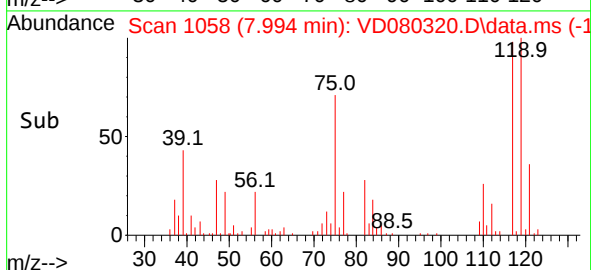
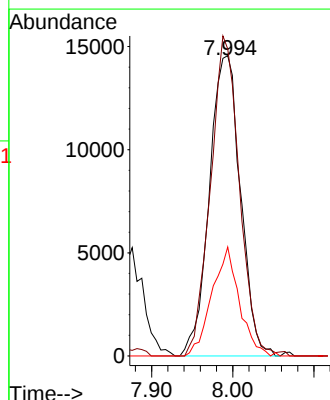
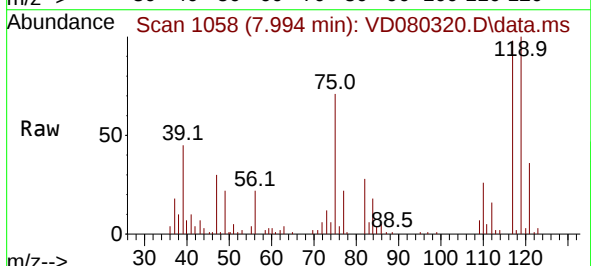
Tgt Ion: 117 Resp: 38773

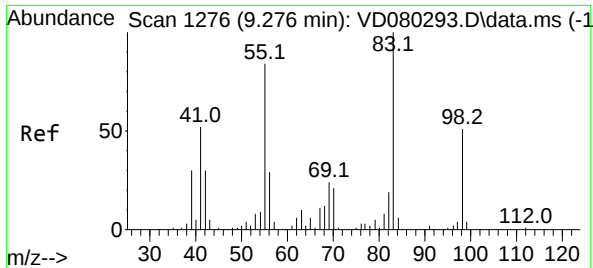
Ion Ratio Lower Upper

117 100

119 102.3 73.4 110.0

121 36.3 24.5 36.7





#39

Methylcyclohexane

Concen: 18.225 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

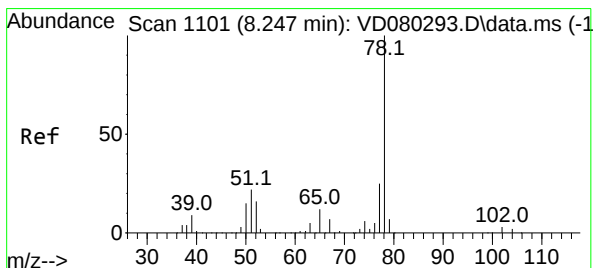
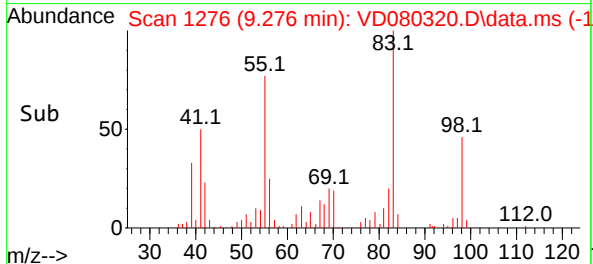
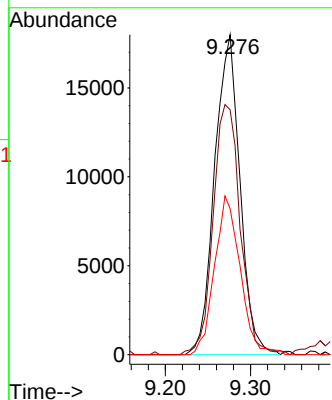
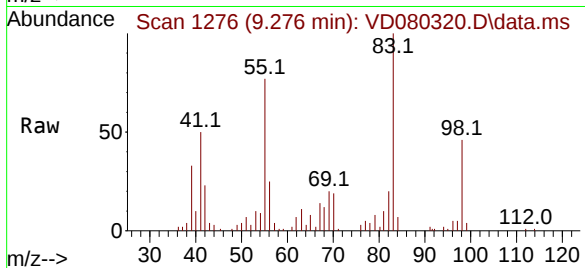
Tgt Ion: 83 Resp: 37166

Ion Ratio Lower Upper

83 100

55 76.6 62.0 93.0

98 45.6 38.7 58.1



#40

Benzene

Concen: 20.500 ug/l

RT: 8.252 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VD080320.D

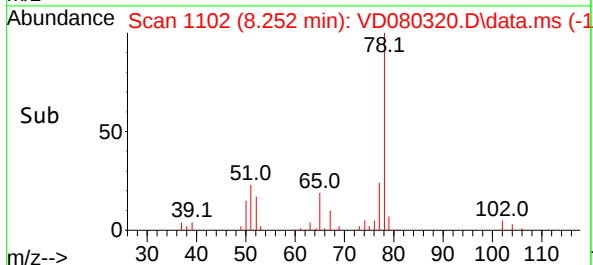
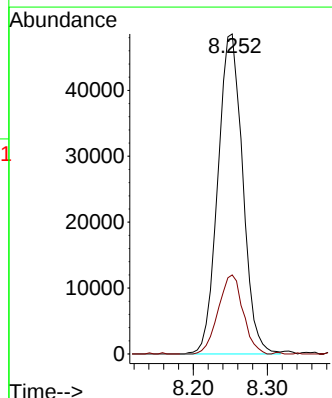
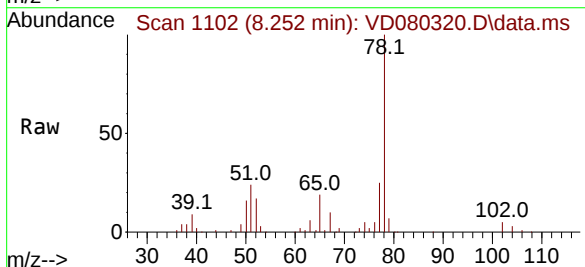
Acq: 14 May 2025 13:57

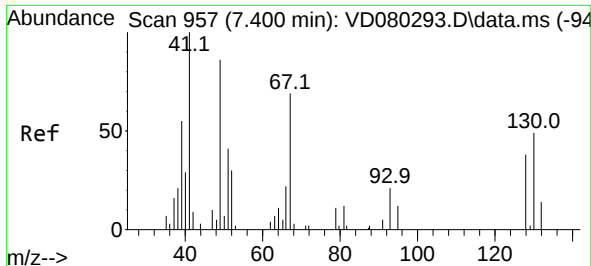
Tgt Ion: 78 Resp: 112886

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.4

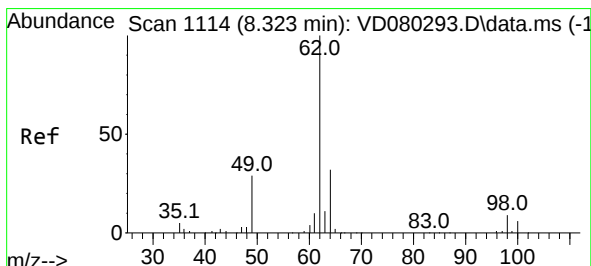
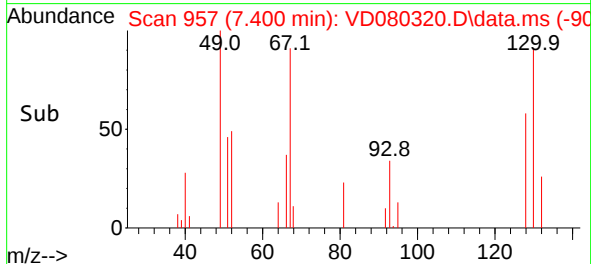
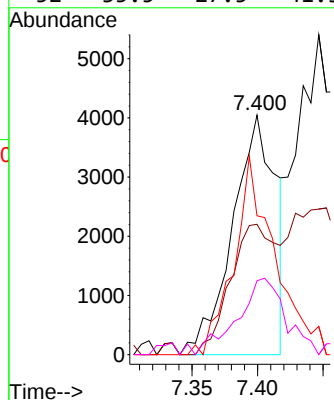
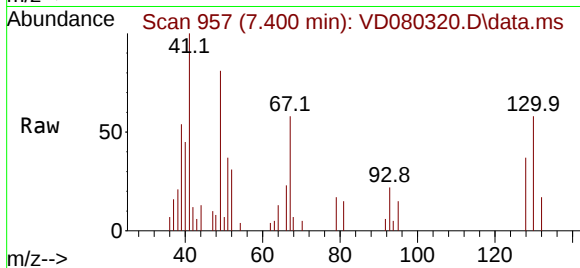




#41
Methacrylonitrile
Concen: 18.157 ug/l
RT: 7.400 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

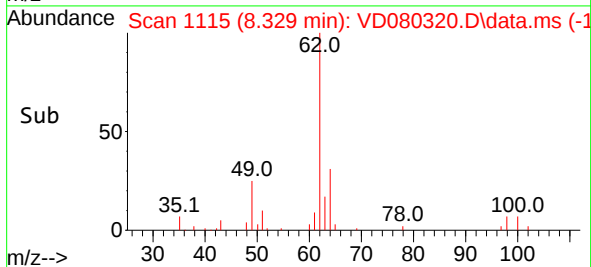
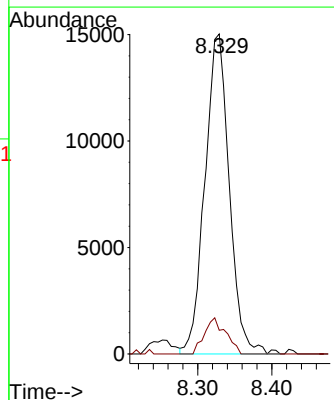
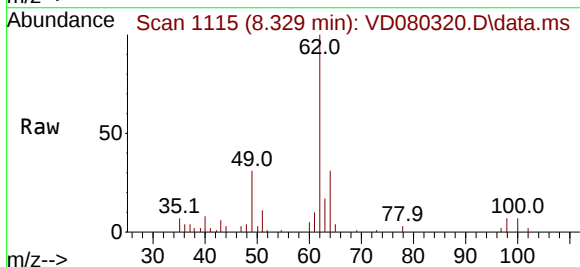
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

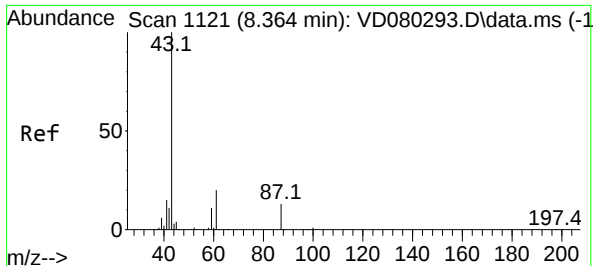
Tgt Ion:	41	Resp:	9234
Ion	Ratio	Lower	Upper
41	100		
39	59.4	47.8	71.8
67	78.8	64.9	97.3
52	35.5	27.5	41.3



#42
1,2-Dichloroethane
Concen: 21.561 ug/l
RT: 8.329 min Scan# 1115
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:	62	Resp:	34403
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8

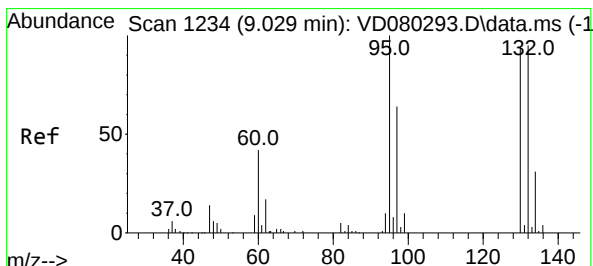
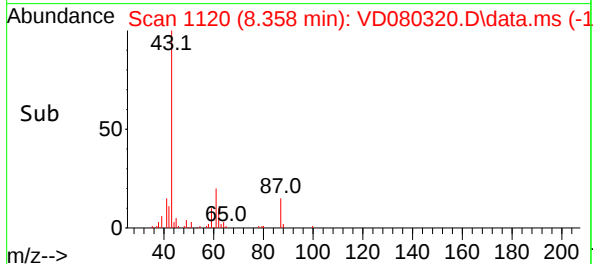
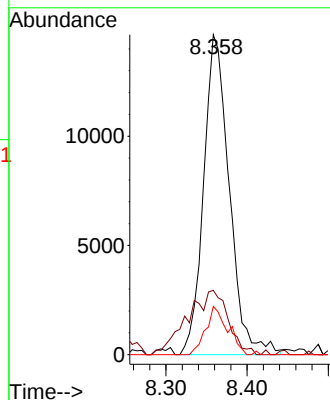
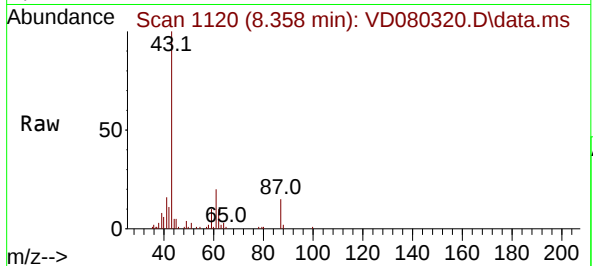




#43
Isopropyl Acetate
Concen: 19.344 ug/l
RT: 8.358 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

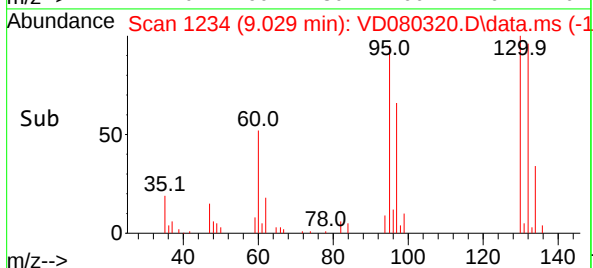
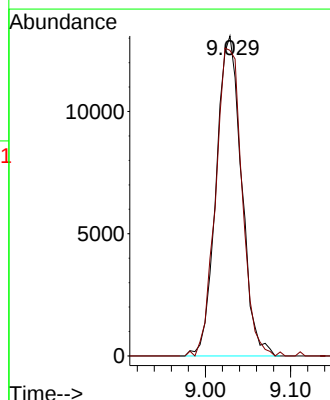
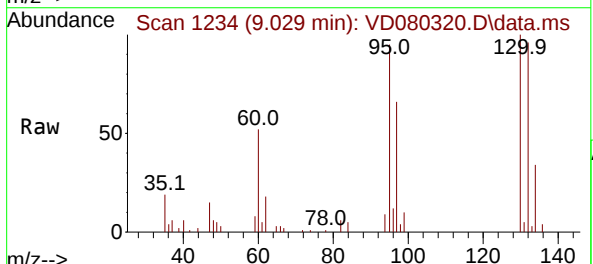
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

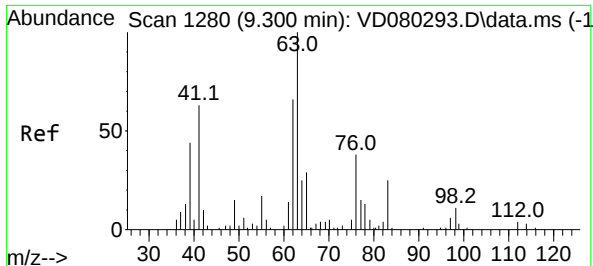
Tgt Ion: 43 Resp: 32236
Ion Ratio Lower Upper
43 100
61 31.9 26.2 39.2
87 12.9 11.8 17.8



#44
Trichloroethene
Concen: 21.232 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:130 Resp: 27140
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.6





#45

1,2-Dichloropropane

Concen: 21.409 ug/l

RT: 9.305 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

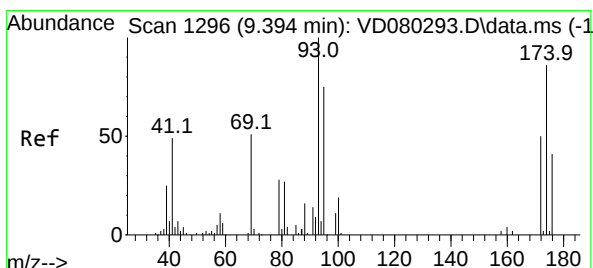
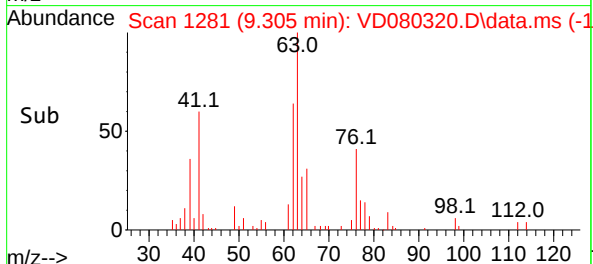
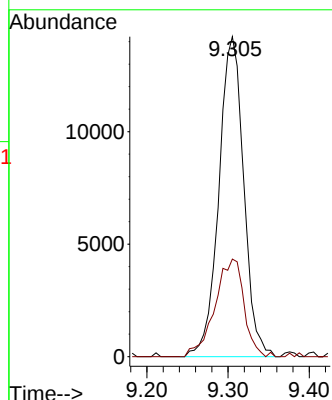
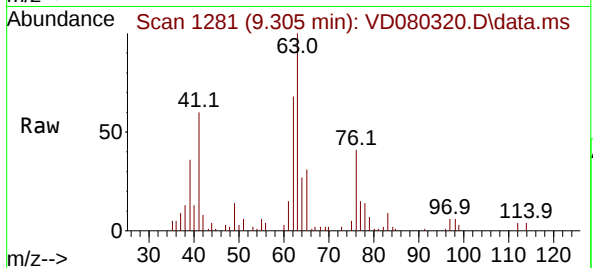
VD0514SBS01

Tgt Ion: 63 Resp: 30235

Ion Ratio Lower Upper

63 100

65 30.5 26.2 39.4



#46

Dibromomethane

Concen: 22.706 ug/l

RT: 9.394 min Scan# 1296

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

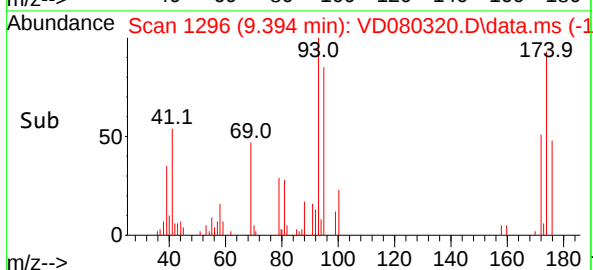
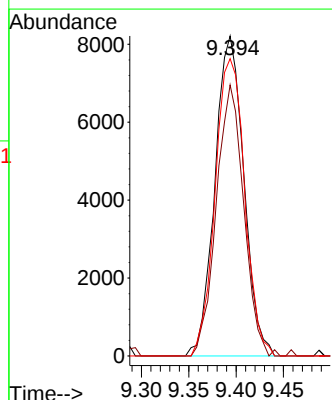
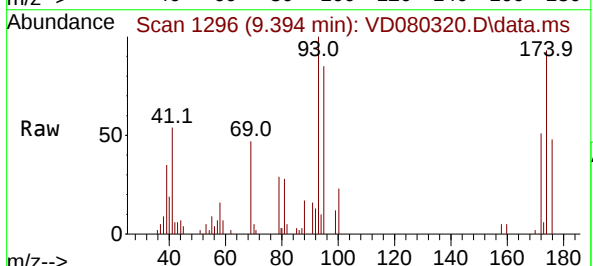
Tgt Ion: 93 Resp: 17459

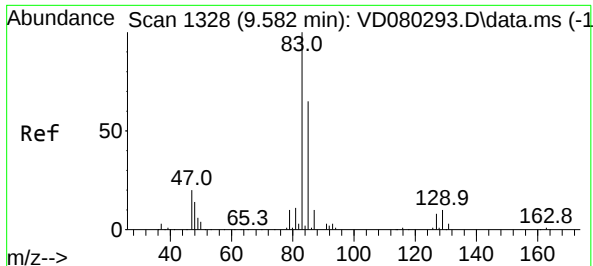
Ion Ratio Lower Upper

93 100

95 80.6 67.9 101.9

174 94.8 80.5 120.7





#47

Bromodichloromethane

Concen: 21.441 ug/l

RT: 9.582 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

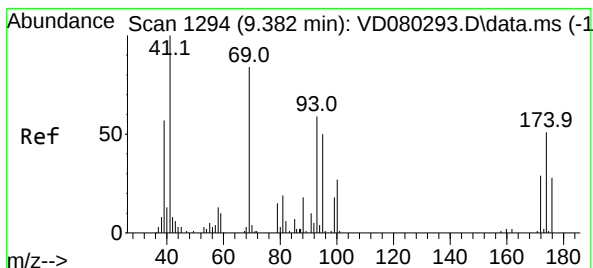
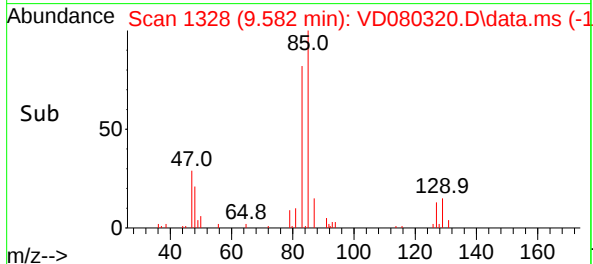
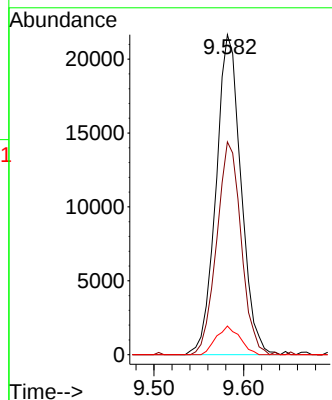
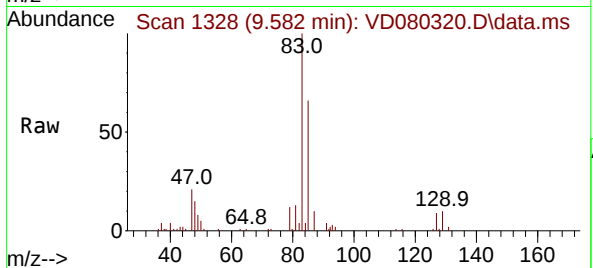
Tgt Ion: 83 Resp: 41844

Ion Ratio Lower Upper

83 100

85 66.5 50.6 75.8

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 18.325 ug/l

RT: 9.376 min Scan# 1293

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

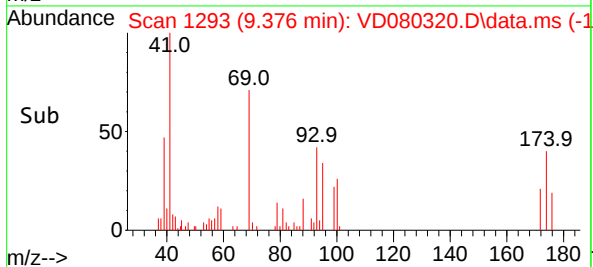
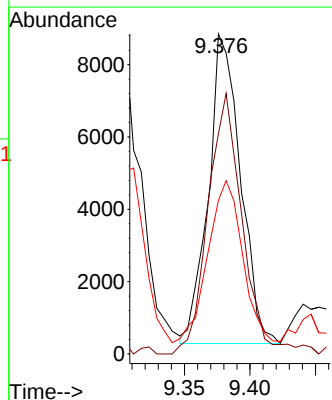
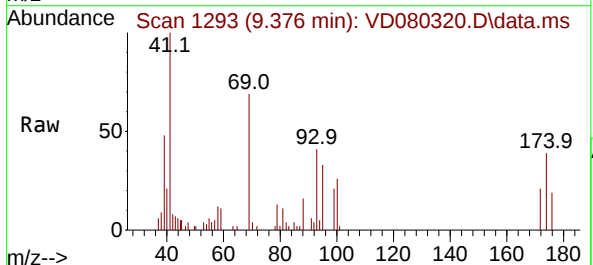
Tgt Ion: 41 Resp: 14510

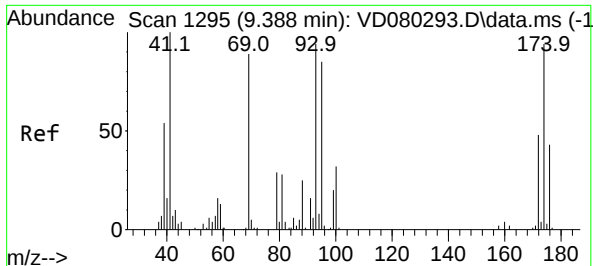
Ion Ratio Lower Upper

41 100

69 90.7 74.0 111.0

39 58.2 41.9 62.9





#49

1,4-Dioxane

Concen: 424.539 ug/l

RT: 9.382 min Scan# 1294

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

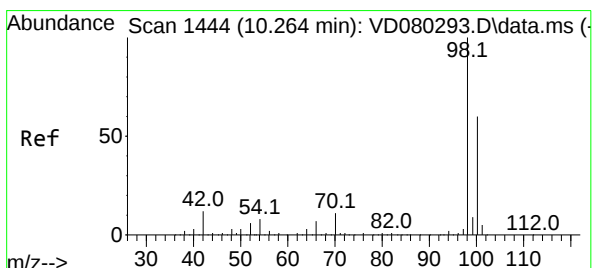
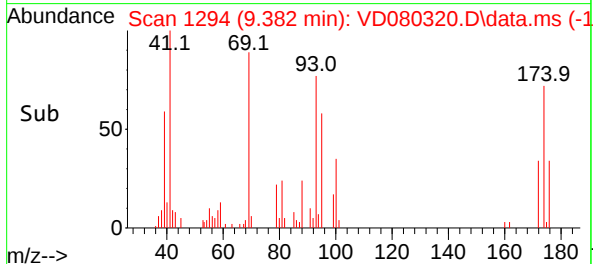
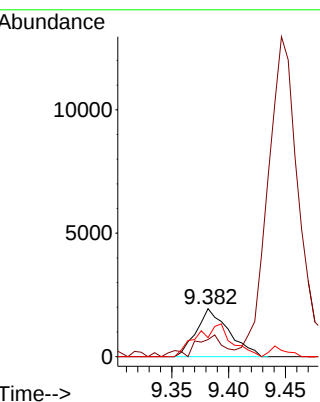
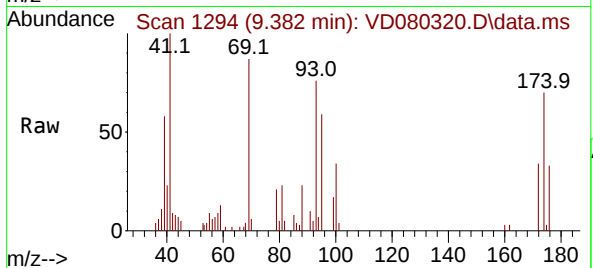
Tgt Ion: 88 Resp: 3881

Ion Ratio Lower Upper

88 100

43 40.5 29.1 43.7

58 72.5 59.9 89.9



#50

Toluene-d8

Concen: 51.165 ug/l

RT: 10.270 min Scan# 1445

Delta R.T. 0.001 min

Lab File: VD080320.D

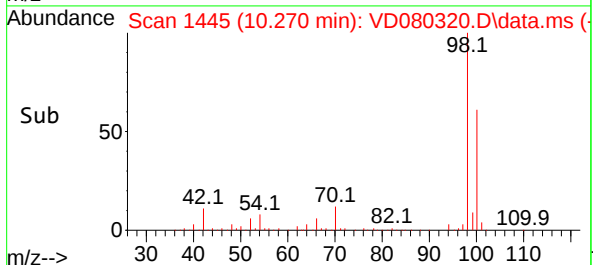
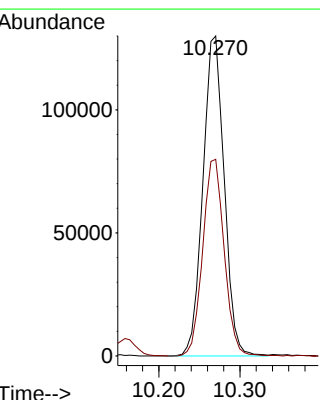
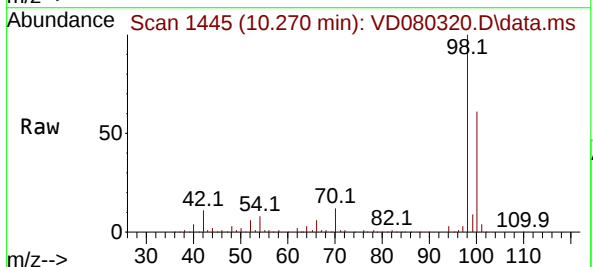
Acq: 14 May 2025 13:57

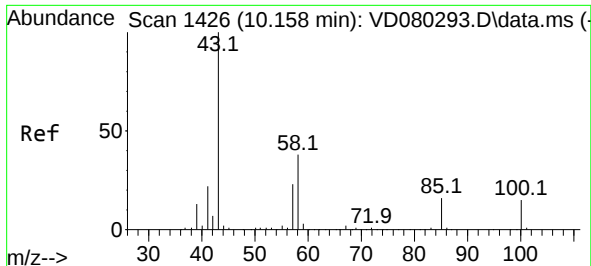
Tgt Ion: 98 Resp: 237057

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4

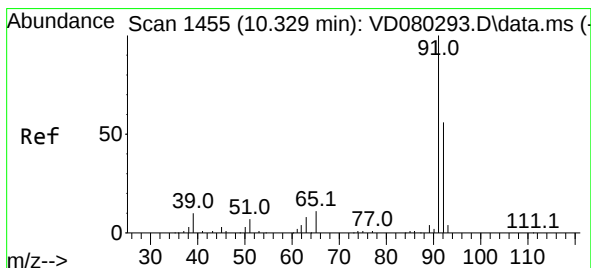
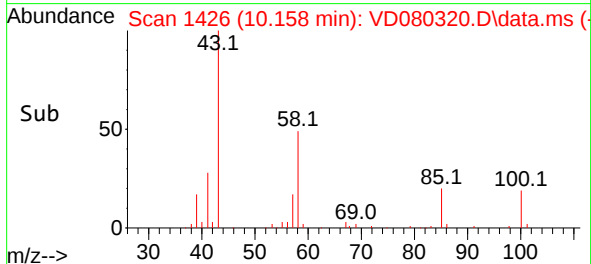
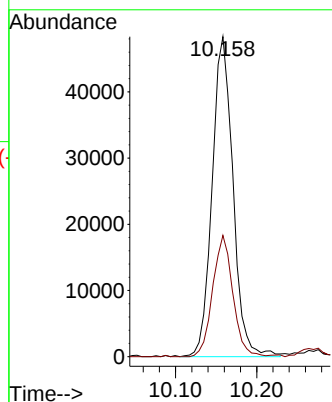
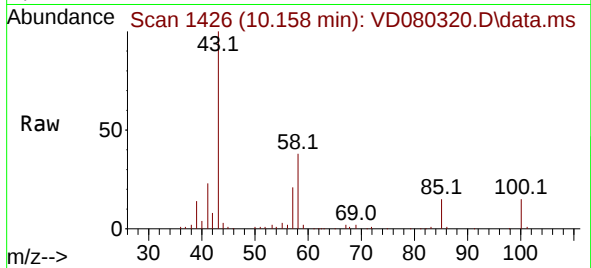




#51
4-Methyl-2-Pentanone
Concen: 100.614 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

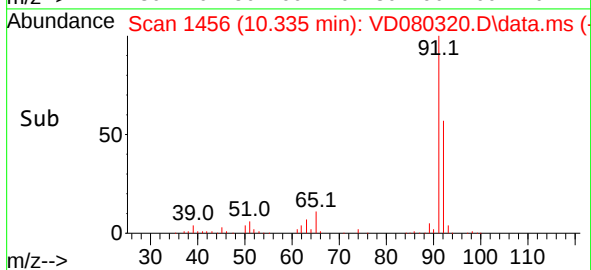
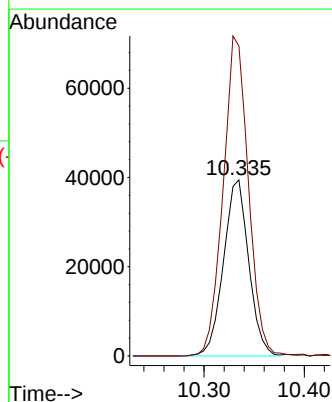
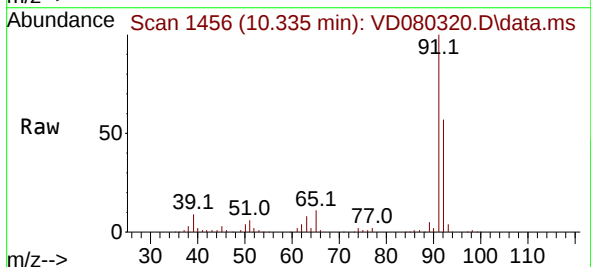
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

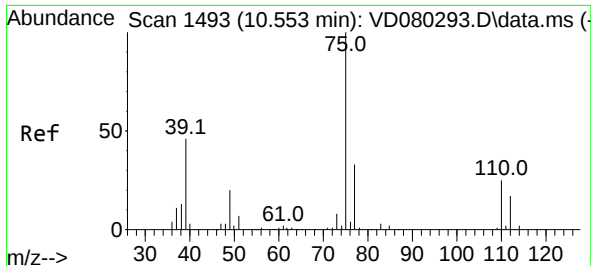
Tgt Ion: 43 Resp: 86390
Ion Ratio Lower Upper
43 100
58 36.6 32.8 49.2



#52
Toluene
Concen: 20.812 ug/l
RT: 10.335 min Scan# 1456
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 92 Resp: 69044
Ion Ratio Lower Upper
92 100
91 181.9 139.3 208.9

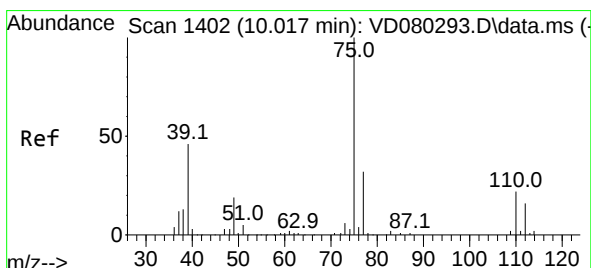
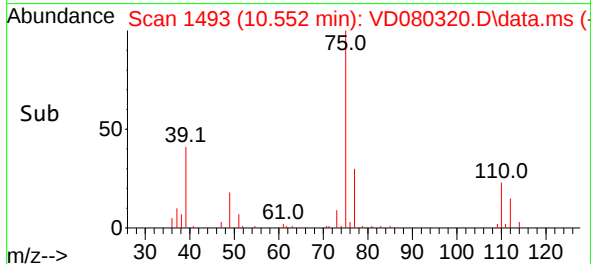
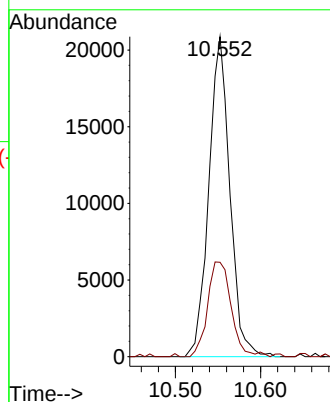
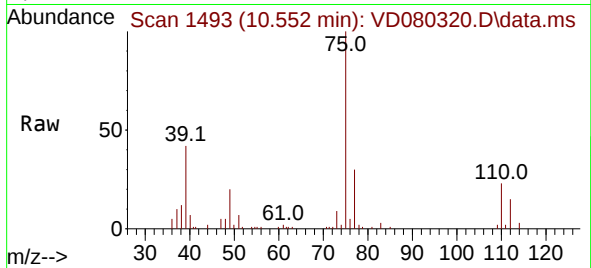




#53
t-1,3-Dichloropropene
Concen: 20.100 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

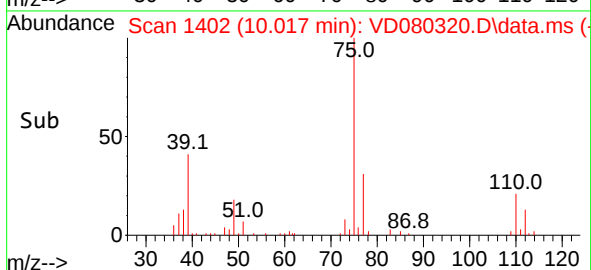
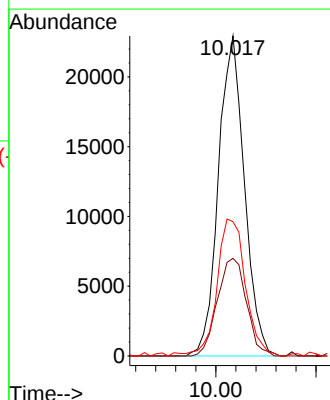
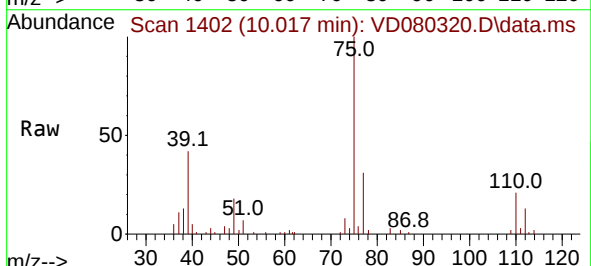
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBS01

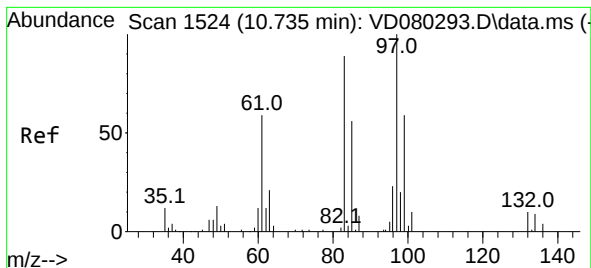
Tgt Ion: 75 Resp: 35761
Ion Ratio Lower Upper
75 100
77 29.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.022 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 75 Resp: 41281
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 42.0 33.2 49.8





#55

1,1,2-Trichloroethane

Concen: 21.658 ug/l

RT: 10.735 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

Tgt Ion: 97 Resp: 22028

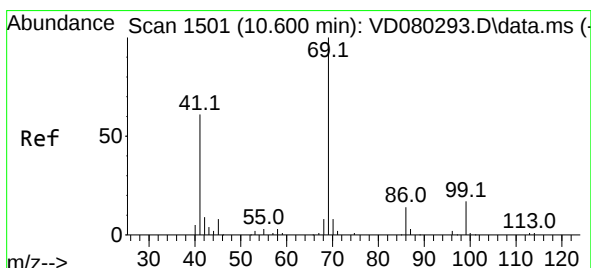
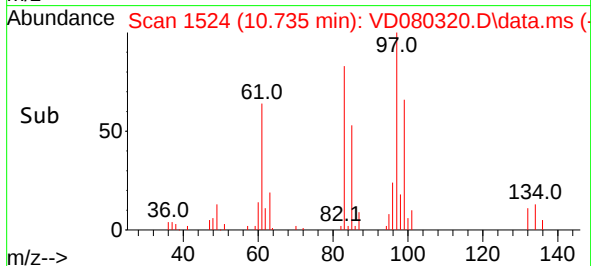
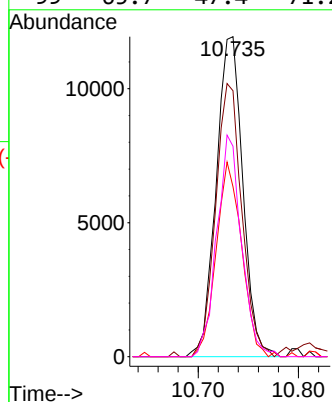
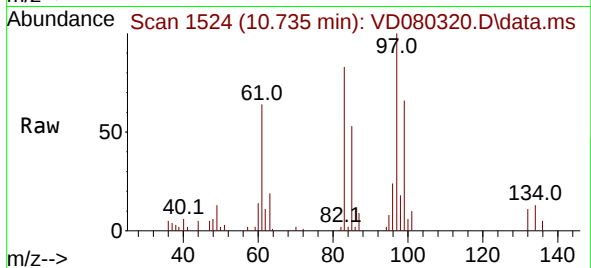
Ion Ratio Lower Upper

97 100

83 83.1 69.2 103.8

85 53.1 43.0 64.6

99 65.7 47.4 71.2



#56

Ethyl methacrylate

Concen: 19.239 ug/l

RT: 10.594 min Scan# 1500

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

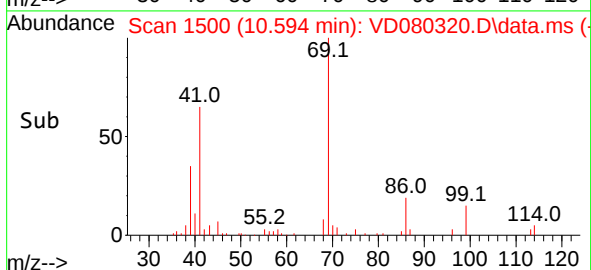
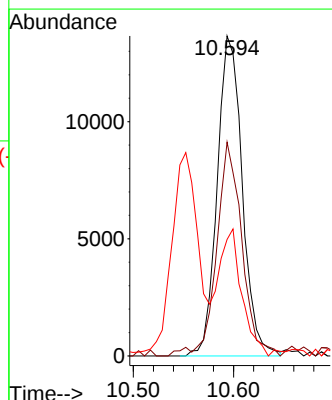
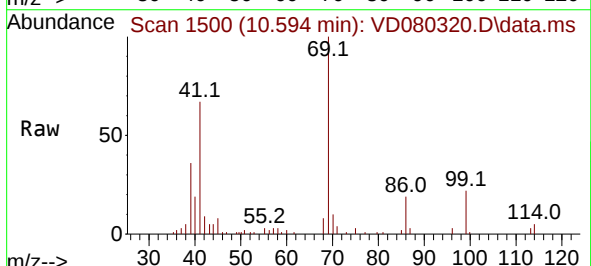
Tgt Ion: 69 Resp: 23711

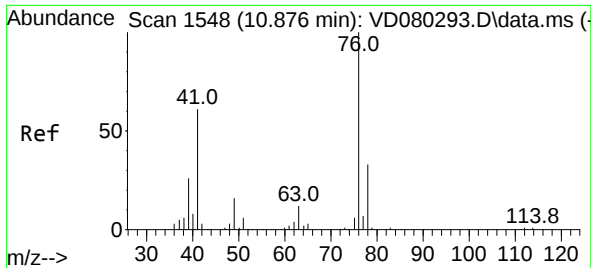
Ion Ratio Lower Upper

69 100

41 67.3 50.4 75.6

39 36.8 26.0 39.0





#57

1,3-Dichloropropane

Concen: 21.477 ug/l

RT: 10.876 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

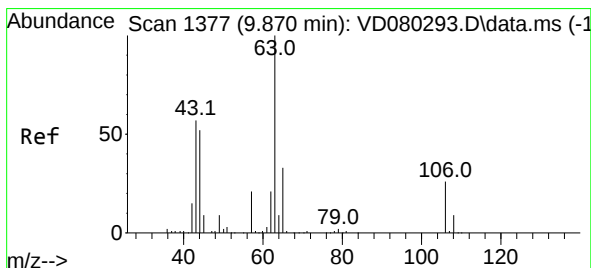
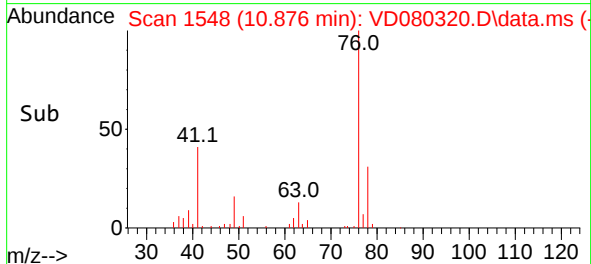
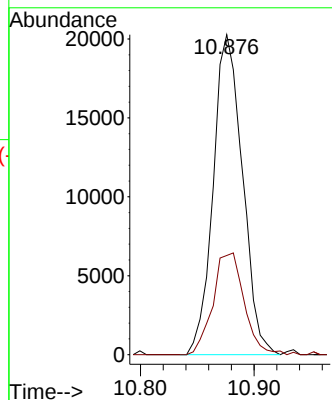
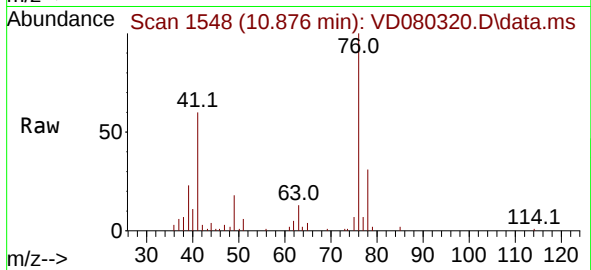
VD0514SBSD01

Tgt Ion: 76 Resp: 36305

Ion Ratio Lower Upper

76 100

78 34.0 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.071 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. 0.001 min

Lab File: VD080320.D

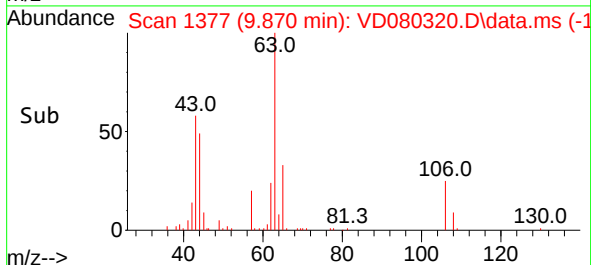
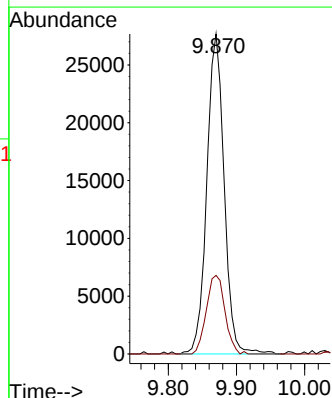
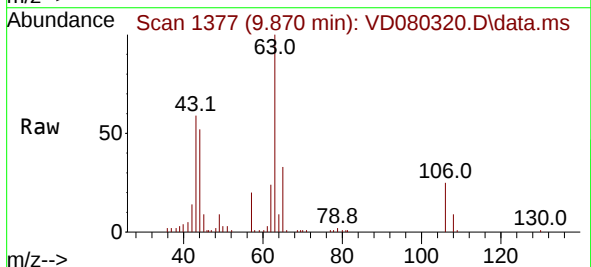
Acq: 14 May 2025 13:57

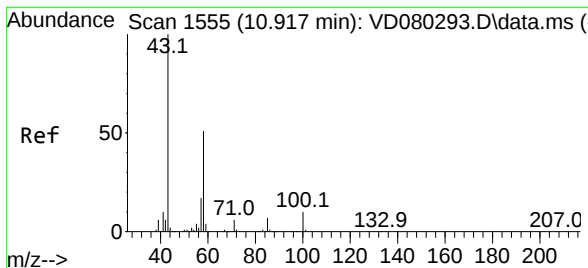
Tgt Ion: 63 Resp: 48960

Ion Ratio Lower Upper

63 100

106 26.4 21.8 32.6

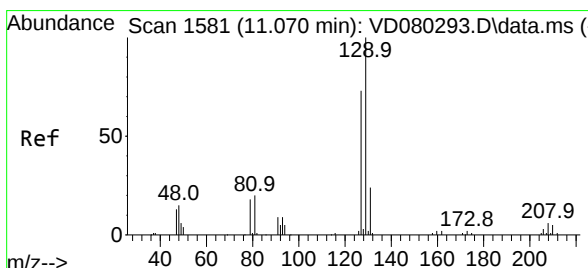
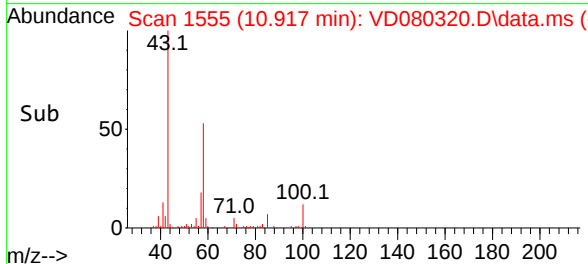
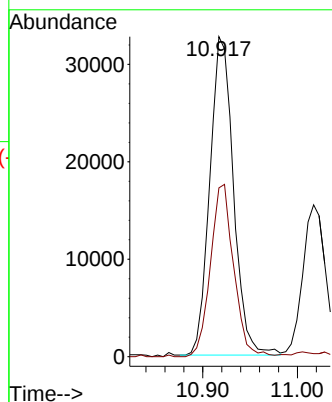
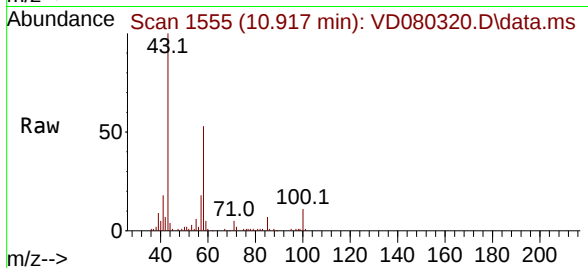




#59
2-Hexanone
Concen: 96.363 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

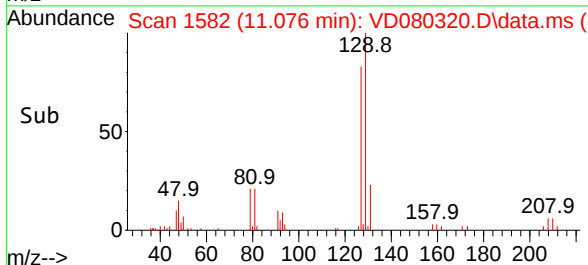
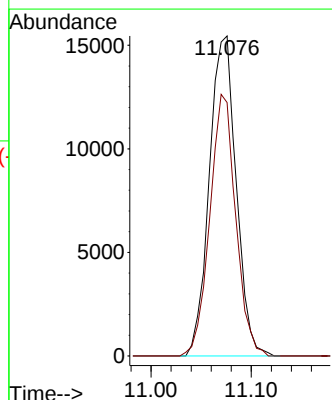
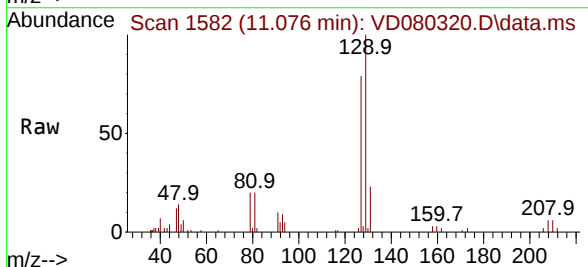
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

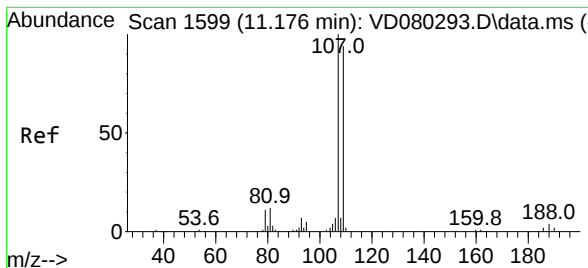
Tgt Ion: 43 Resp: 56917
Ion Ratio Lower Upper
43 100
58 53.0 27.8 83.4



#60
Dibromochloromethane
Concen: 22.573 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 129 Resp: 28772
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.2

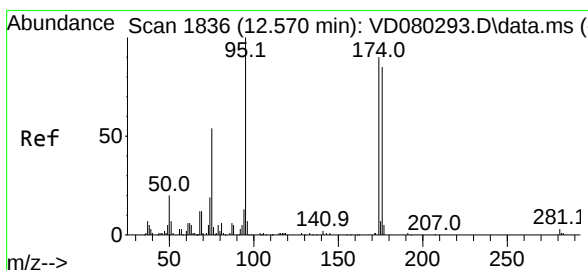
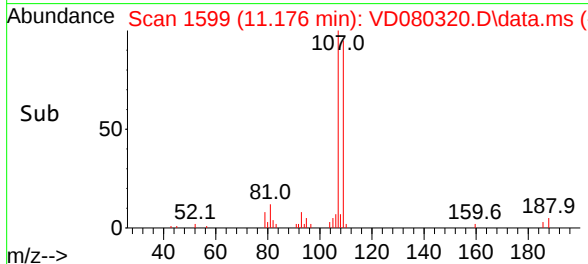
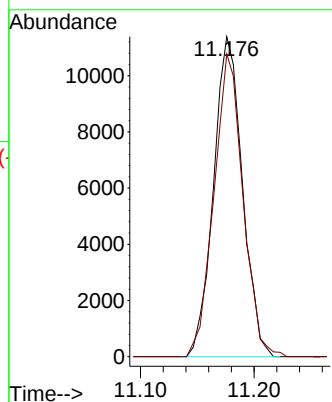
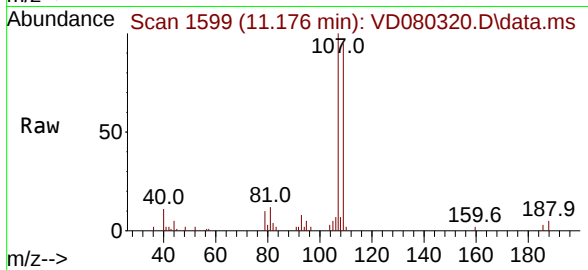




#61
1,2-Dibromoethane
Concen: 21.273 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

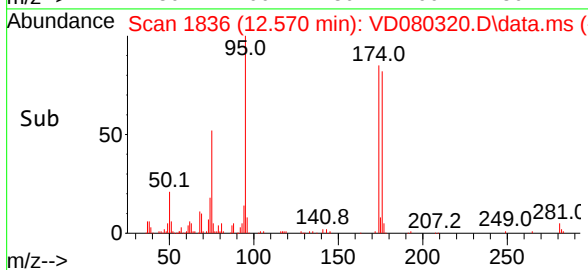
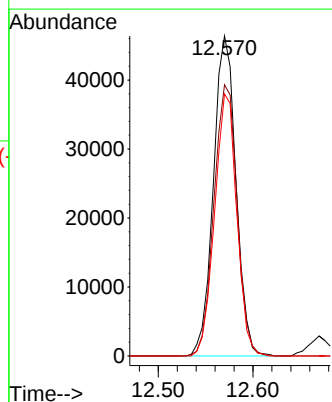
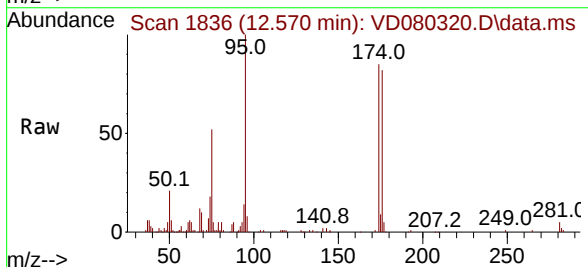
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

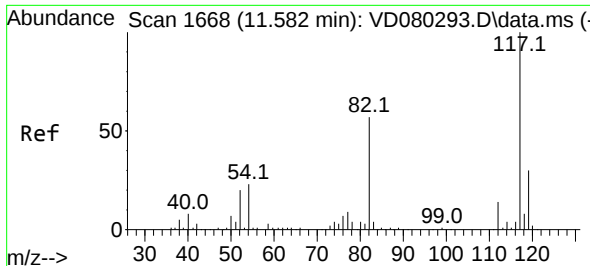
Tgt Ion:107 Resp: 20063
Ion Ratio Lower Upper
107 100
109 95.1 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.564 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 95 Resp: 76682
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.4
176 80.8 0.0 166.6

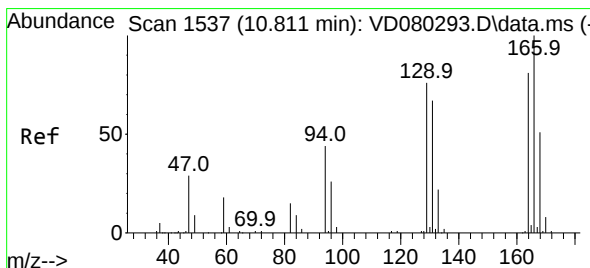
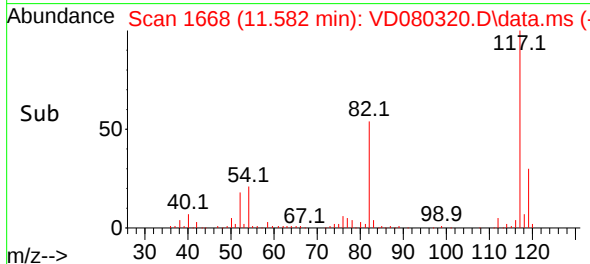
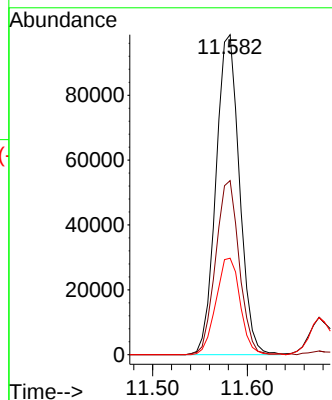
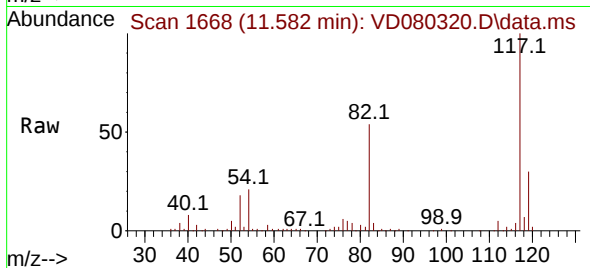




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

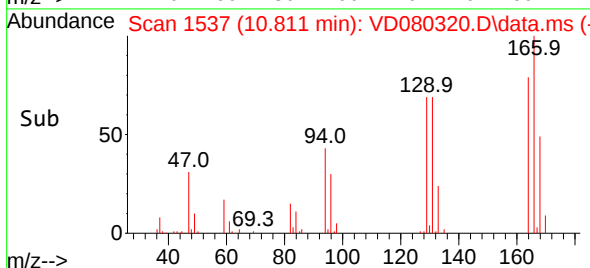
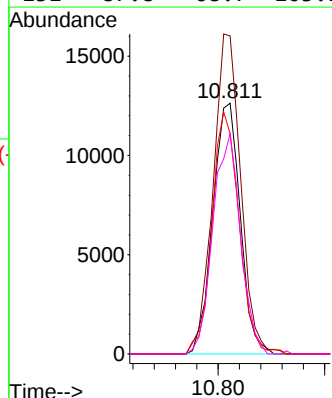
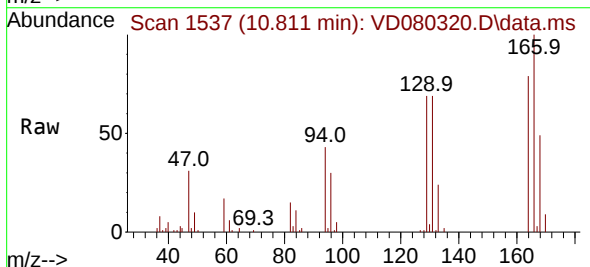
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

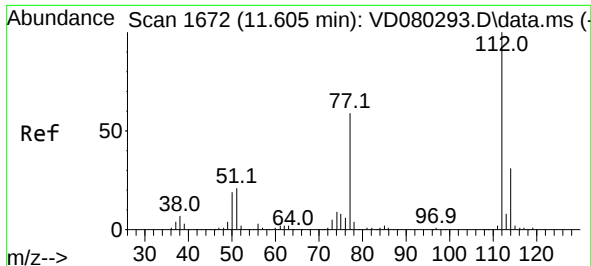
Tgt Ion:117 Resp: 170138
Ion Ratio Lower Upper
117 100
82 54.4 45.8 68.6
119 30.1 26.2 39.2



#64
Tetrachloroethene
Concen: 19.638 ug/l
RT: 10.811 min Scan# 1537
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:164 Resp: 22626
Ion Ratio Lower Upper
164 100
166 126.8 97.5 146.3
129 87.9 70.6 106.0
131 87.8 68.7 103.1

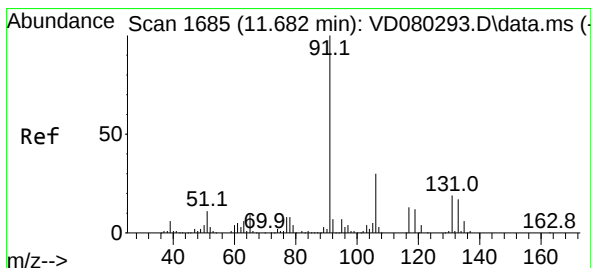
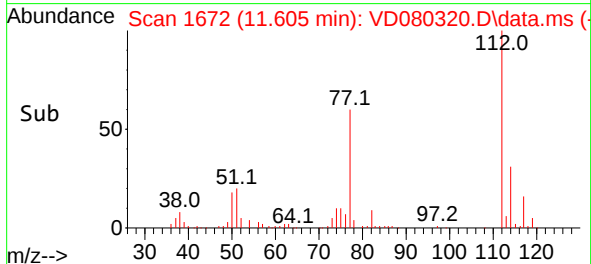
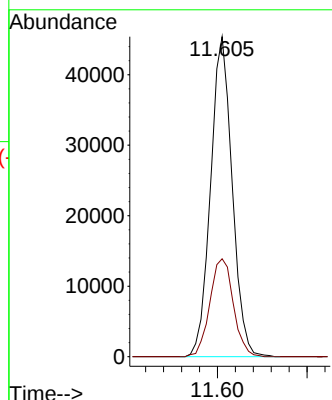
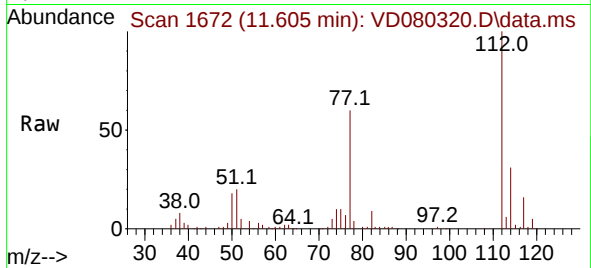




#65
Chlorobenzene
Concen: 19.702 ug/l
RT: 11.605 min Scan# 1112
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

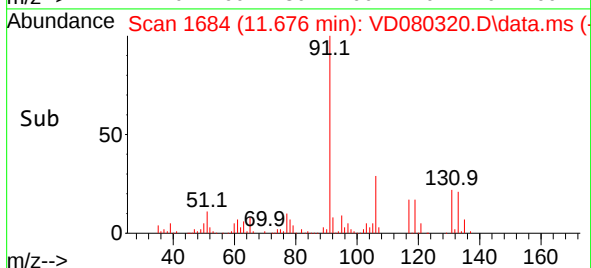
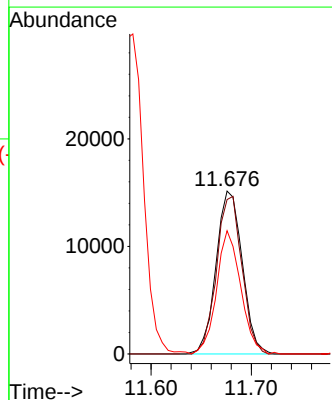
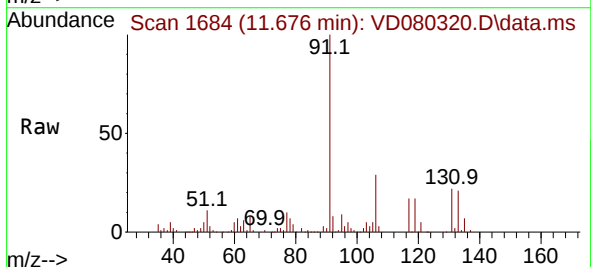
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

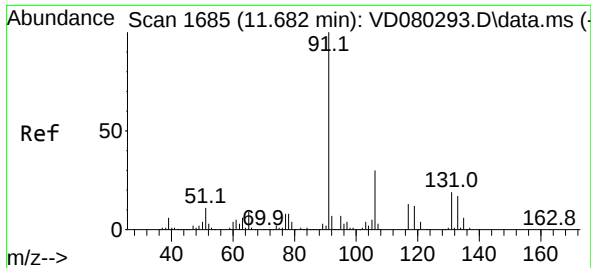
Tgt Ion:112 Resp: 75690
Ion Ratio Lower Upper
112 100
114 30.6 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.802 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:131 Resp: 27455
Ion Ratio Lower Upper
131 100
133 93.7 48.8 146.4
119 69.8 34.8 104.3

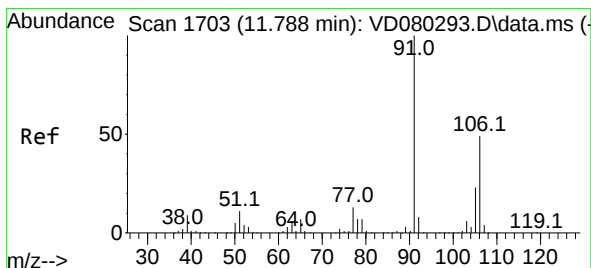
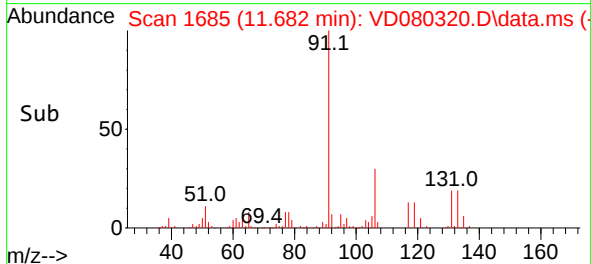
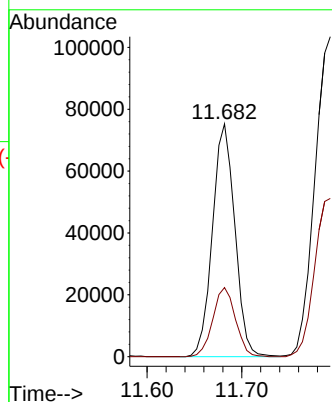
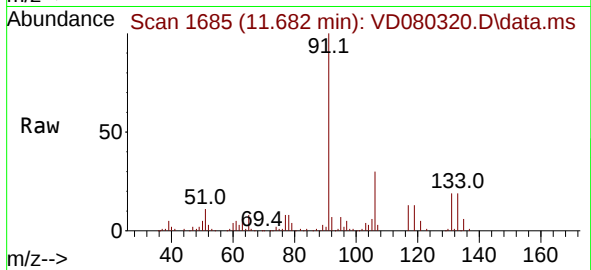




#67
Ethyl Benzene
Concen: 19.292 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

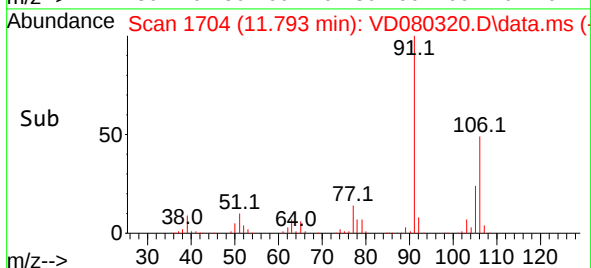
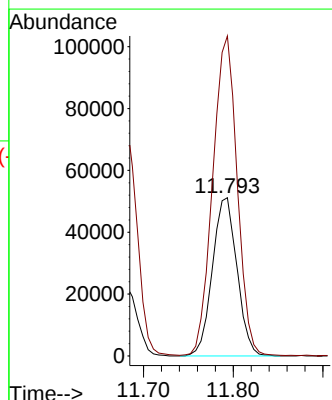
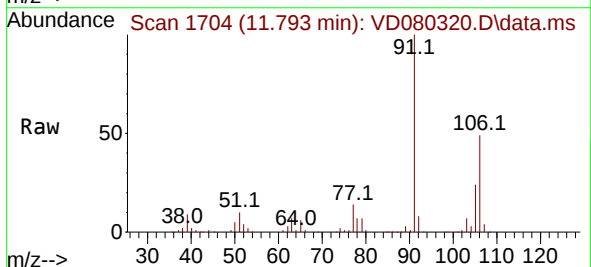
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

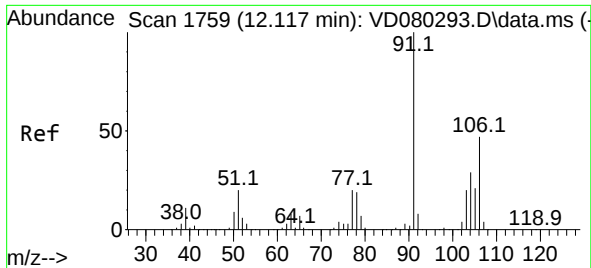
Tgt Ion: 91 Resp: 123851
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 39.036 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 106 Resp: 97306
Ion Ratio Lower Upper
106 100
91 200.8 162.6 244.0

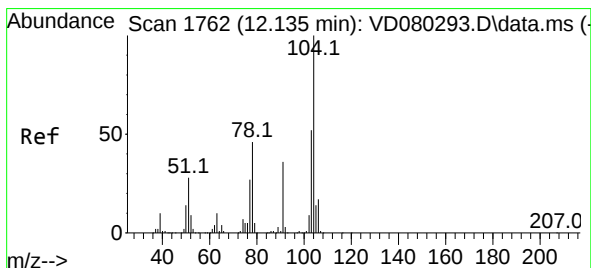
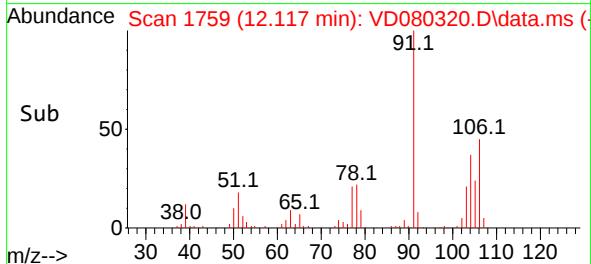
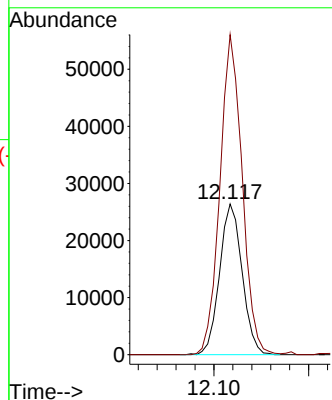
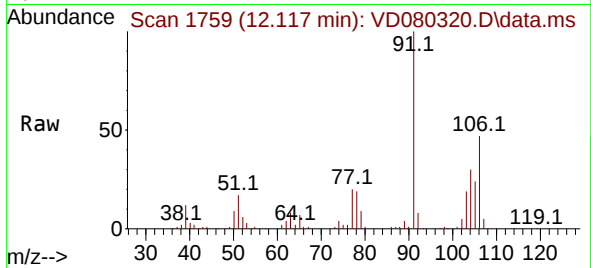




#69
o-Xylene
Concen: 19.190 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

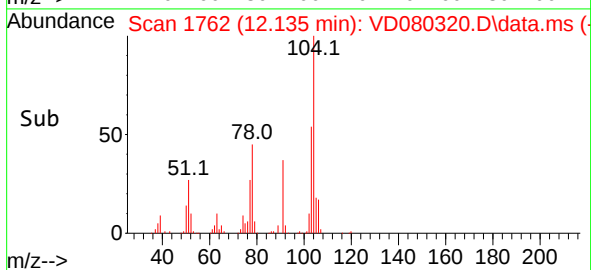
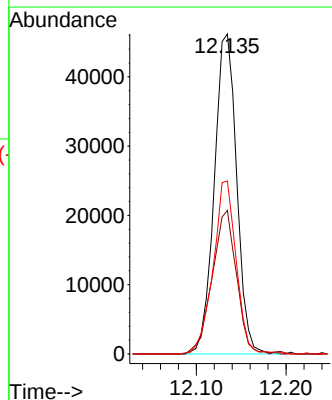
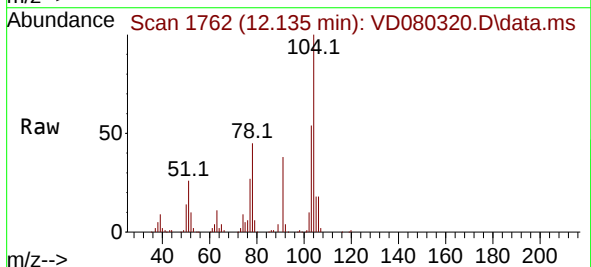
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

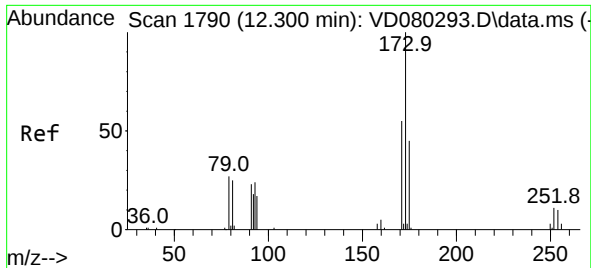
Tgt Ion:106 Resp: 43711
Ion Ratio Lower Upper
106 100
91 209.7 110.5 331.5



#70
Styrene
Concen: 19.569 ug/l
RT: 12.135 min Scan# 1762
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:104 Resp: 80039
Ion Ratio Lower Upper
104 100
78 48.4 39.8 59.8
103 55.7 45.2 67.8

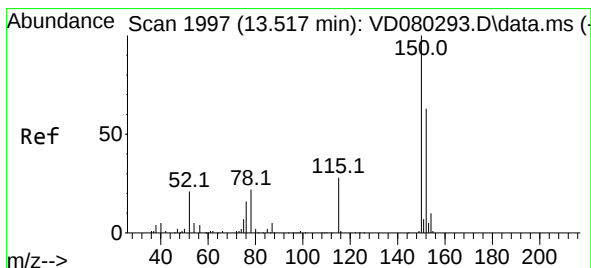
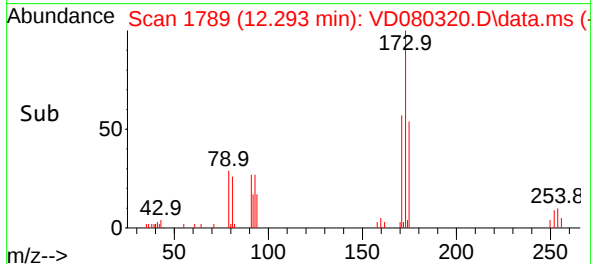
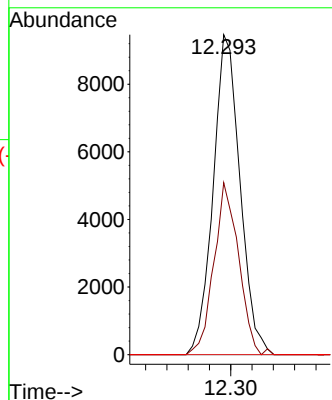
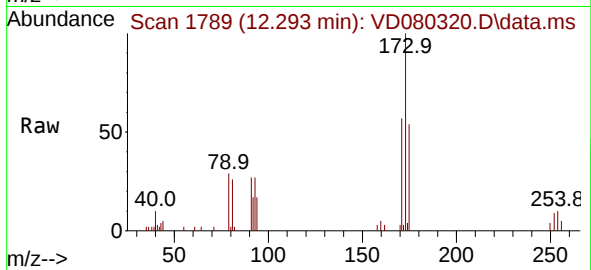




#71
Bromoform
Concen: 21.123 ug/l
RT: 12.293 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

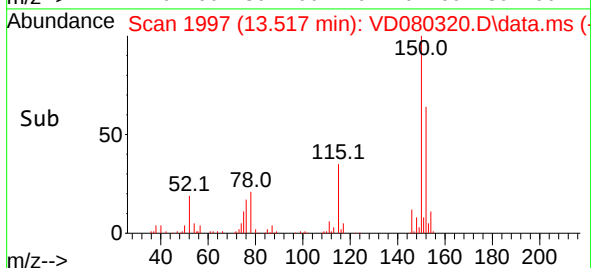
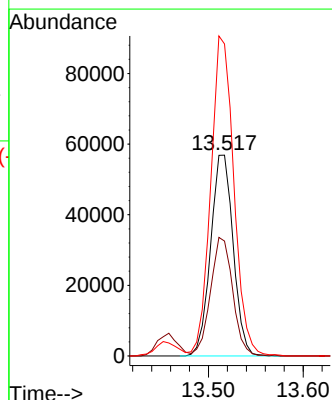
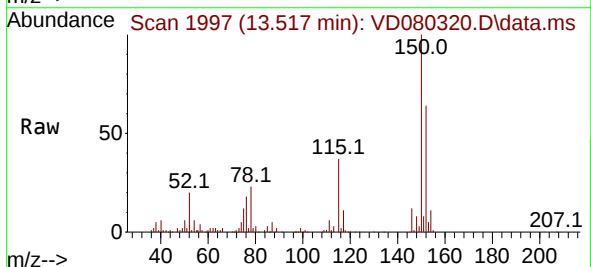
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

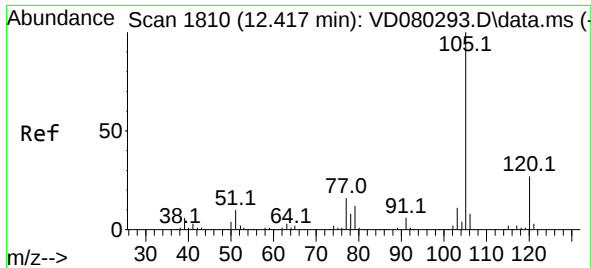
Tgt Ion:173 Resp: 16564
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.517 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:152 Resp: 94201
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 163.1 0.0 354.8

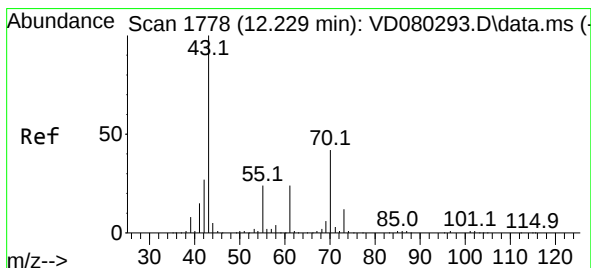
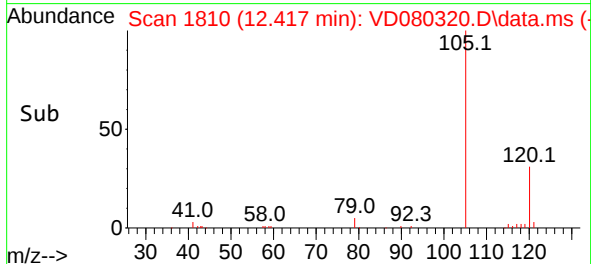
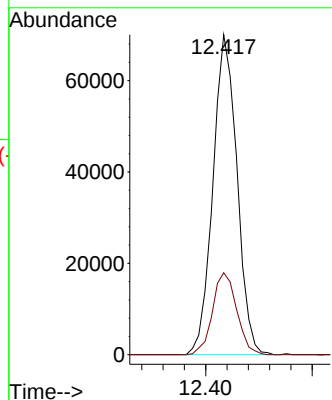
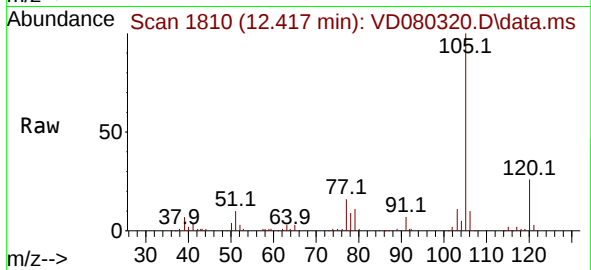




#73
Isopropylbenzene
Concen: 17.957 ug/l
RT: 12.417 min Scan# 1810
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

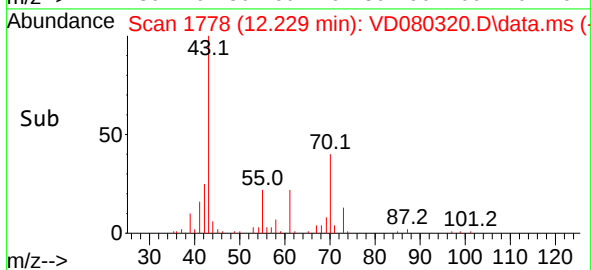
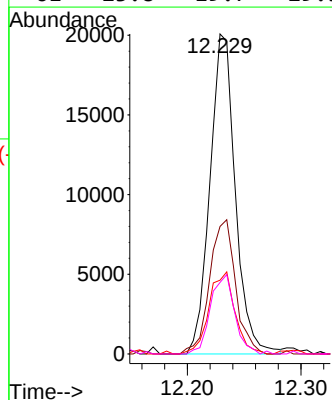
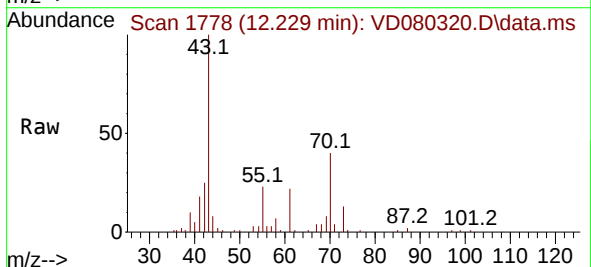
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

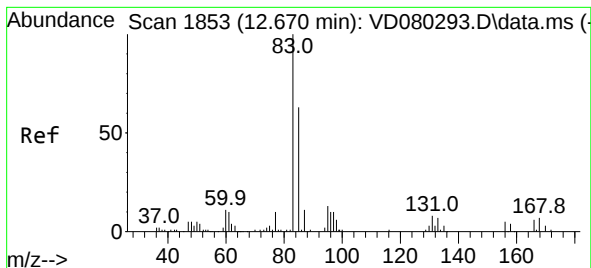
Tgt Ion:105 Resp: 109729
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.9



#74
N-ethyl acetate
Concen: 17.772 ug/l
RT: 12.229 min Scan# 1778
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 43 Resp: 31168
Ion Ratio Lower Upper
43 100
70 42.9 36.3 54.5
55 26.3 20.3 30.5
61 23.8 19.7 29.5

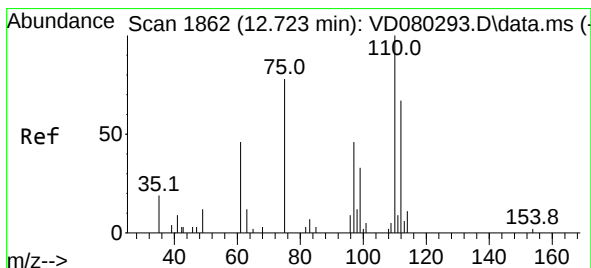
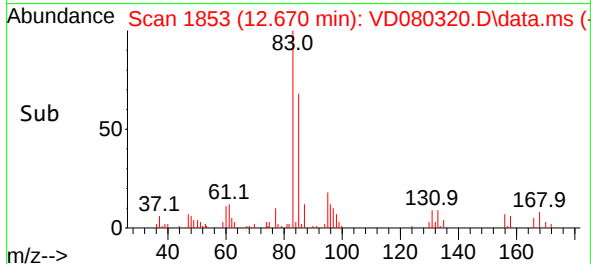
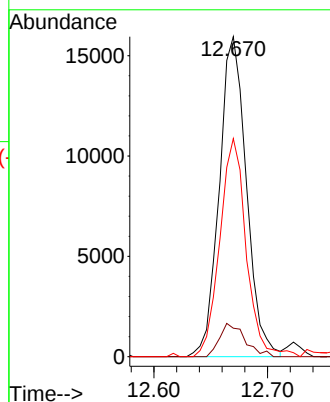
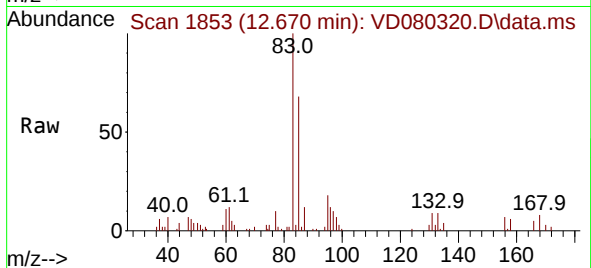




#75
1,1,2,2-Tetrachloroethane
Concen: 19.732 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

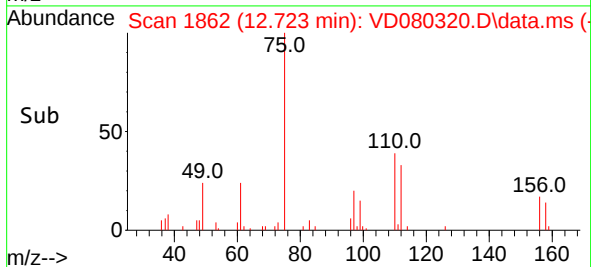
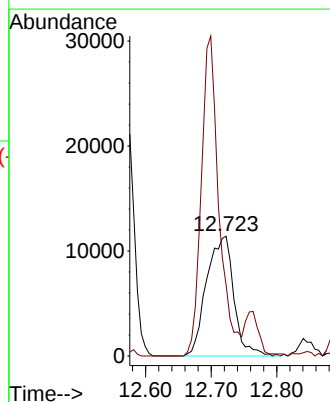
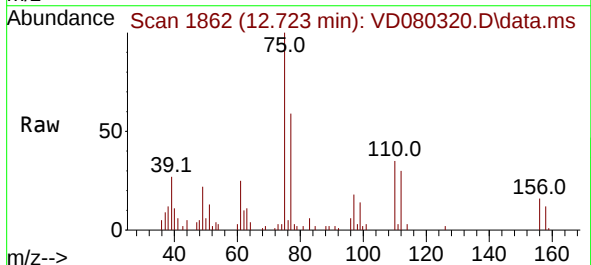
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

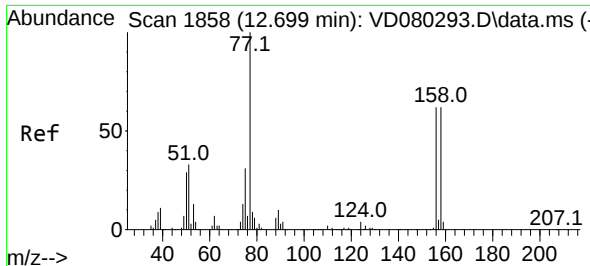
Tgt Ion: 83 Resp: 26515
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 66.1 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 36.211 ug/l
RT: 12.723 min Scan# 1862
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 75 Resp: 32922
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

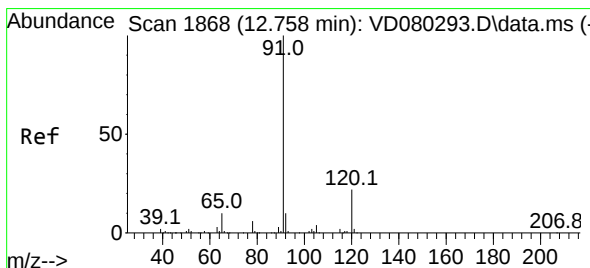
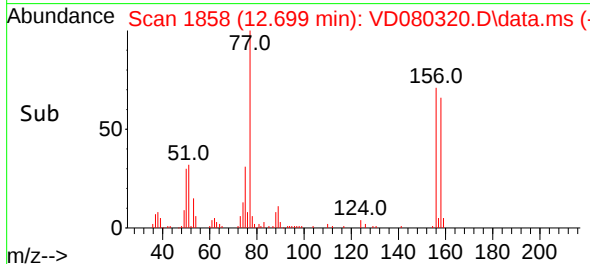
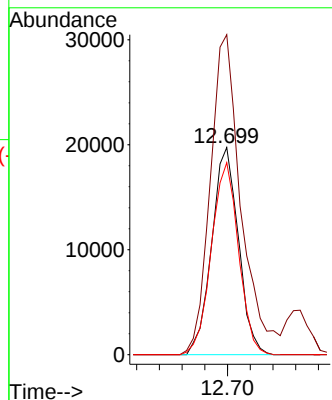
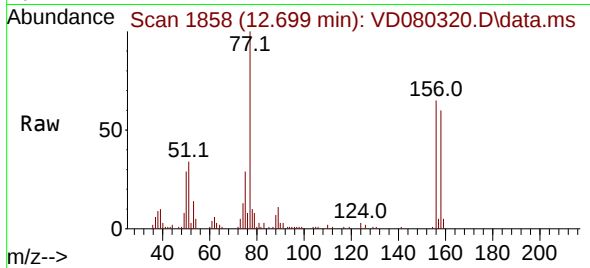




#77
Bromobenzene
Concen: 20.347 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

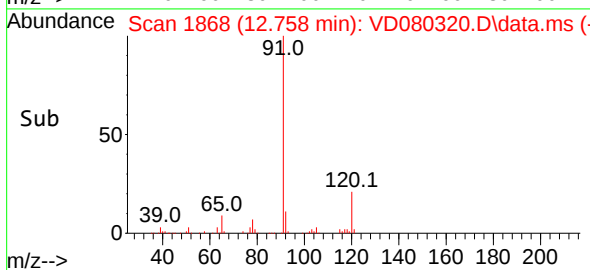
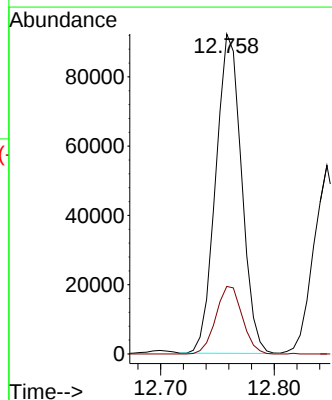
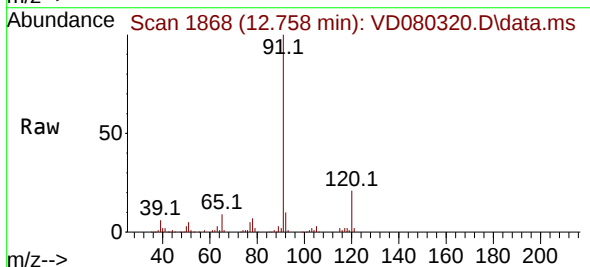
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

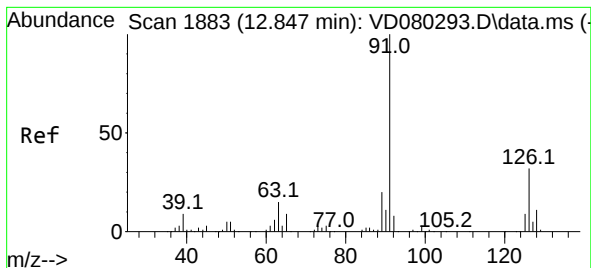
Tgt Ion:156 Resp: 32251
Ion Ratio Lower Upper
156 100
77 177.9 89.8 269.6
158 94.1 47.9 143.8



#78
n-propylbenzene
Concen: 19.002 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.005 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 91 Resp: 145714
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.468 ug/l

RT: 12.846 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

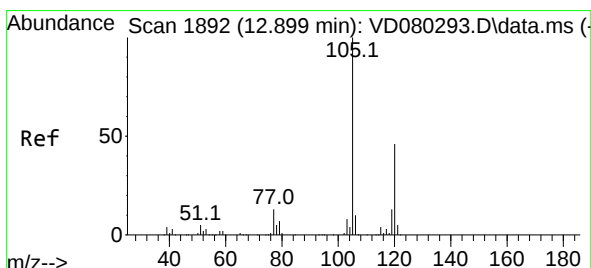
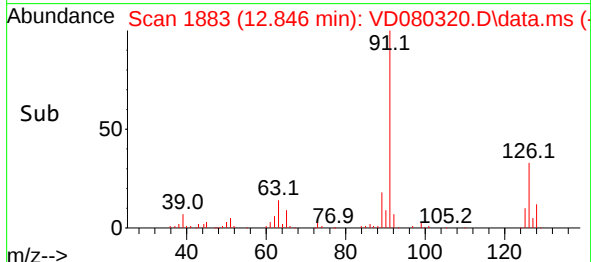
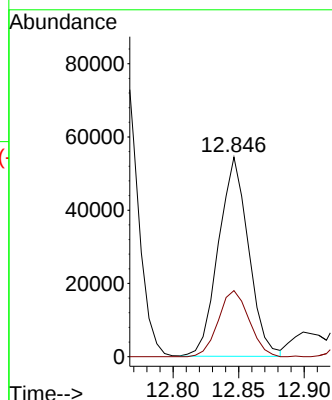
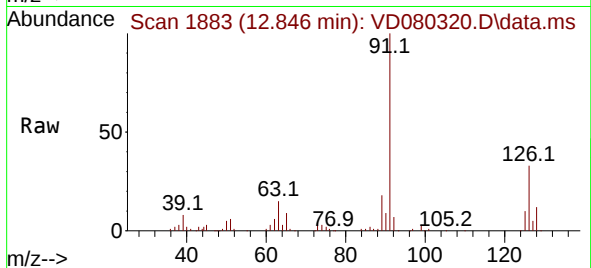
VD0514SBS01

Tgt Ion: 91 Resp: 86837

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 19.207 ug/l

RT: 12.899 min Scan# 1892

Delta R.T. -0.005 min

Lab File: VD080320.D

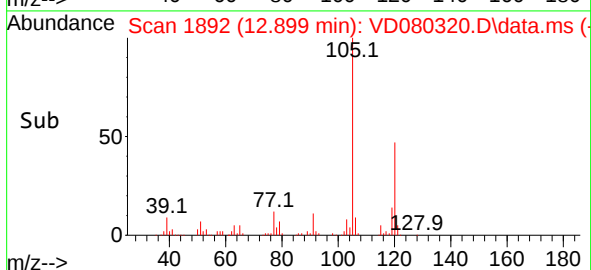
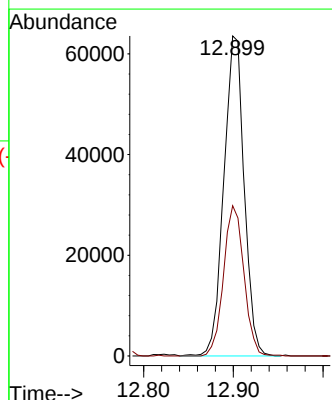
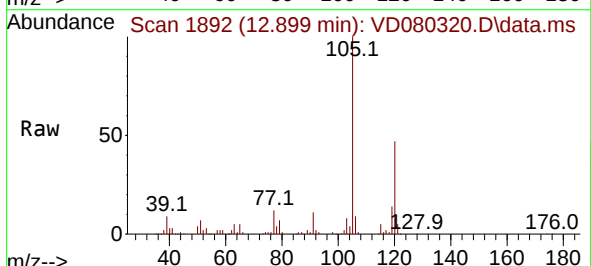
Acq: 14 May 2025 13:57

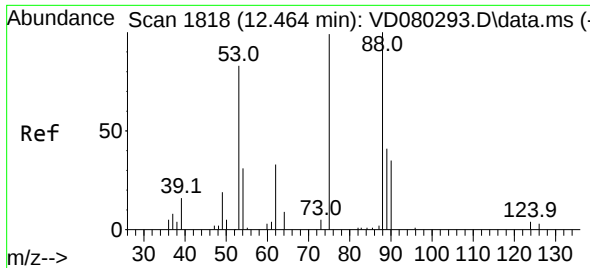
Tgt Ion: 105 Resp: 100106

Ion Ratio Lower Upper

105 100

120 47.0 25.0 75.0

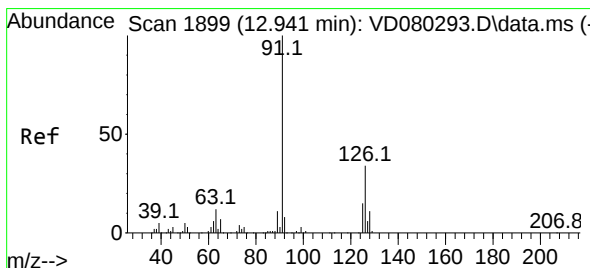
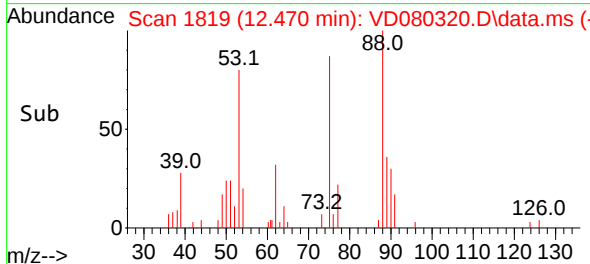
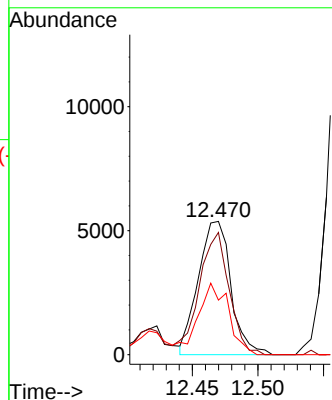
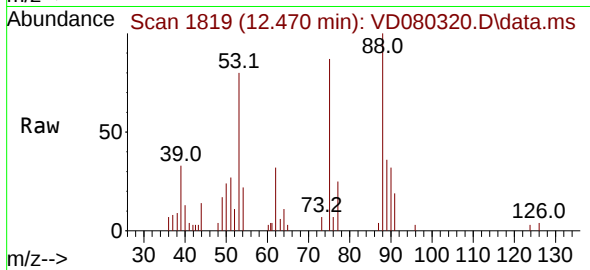




#81
trans-1,4-Dichloro-2-butene
Concen: 19.438 ug/l
RT: 12.470 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

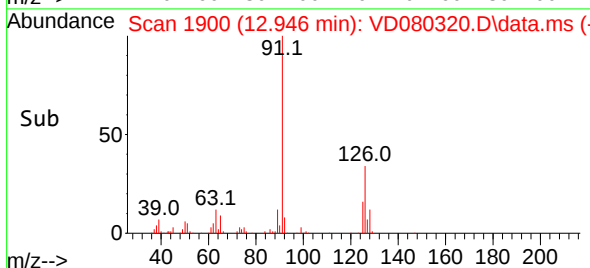
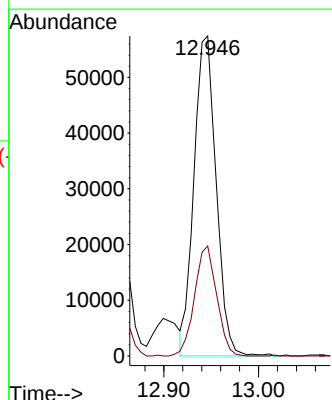
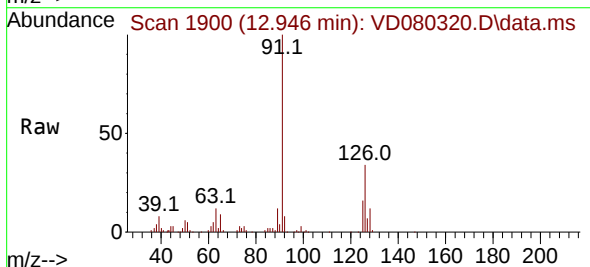
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

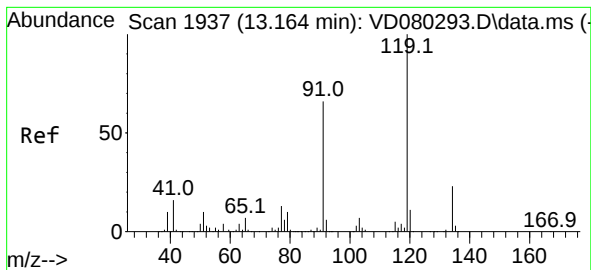
Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
53 84.7 68.7 103.1
89 50.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.426 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion: 91 Resp: 93535
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

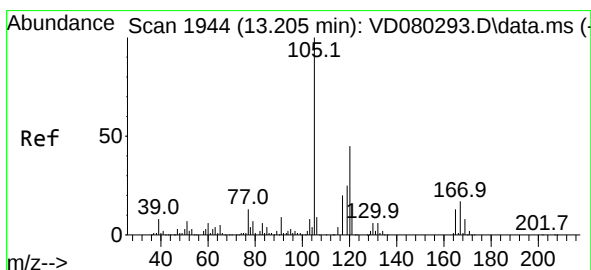
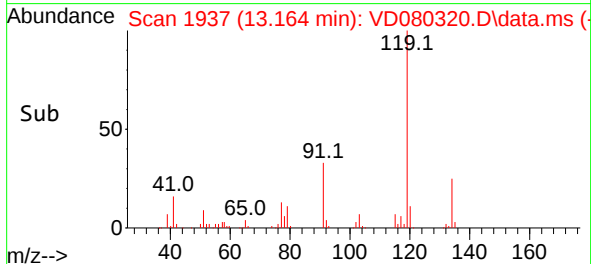
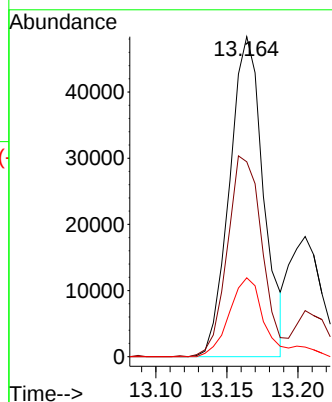
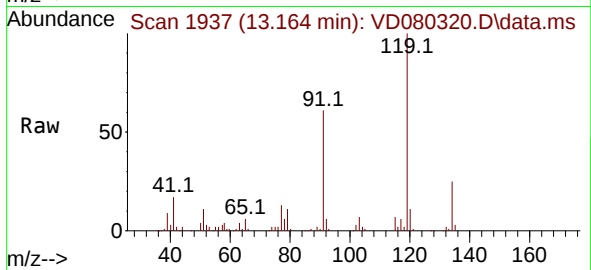




#83
tert-Butylbenzene
Concen: 18.471 ug/l
RT: 13.164 min Scan# 1937
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

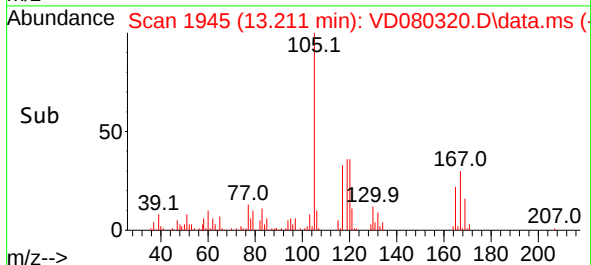
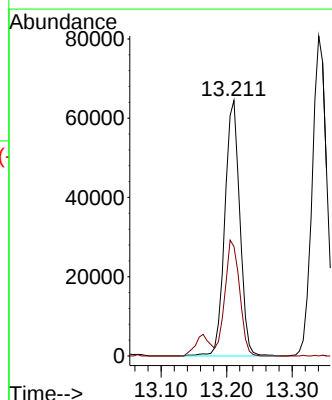
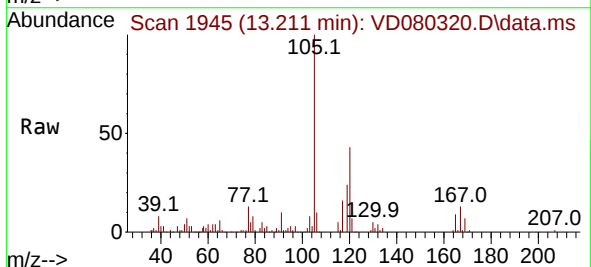
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

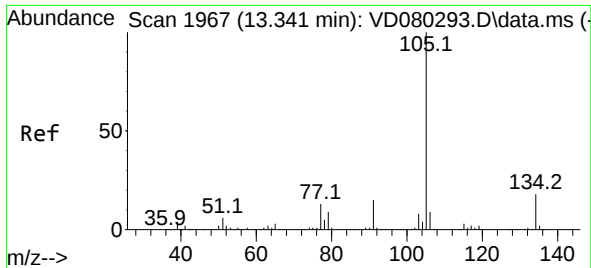
Tgt Ion:119 Resp: 80335
Ion Ratio Lower Upper
119 100
91 65.0 33.3 99.9
134 26.9 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 19.136 ug/l
RT: 13.211 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:105 Resp: 102044
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4

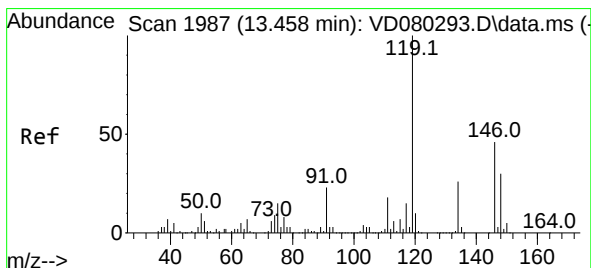
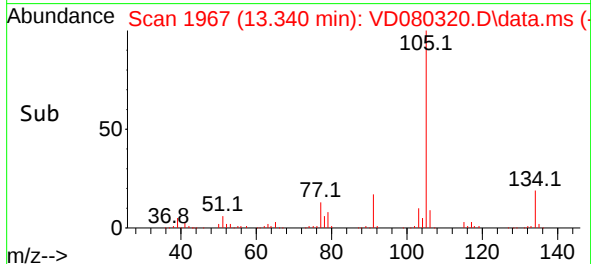
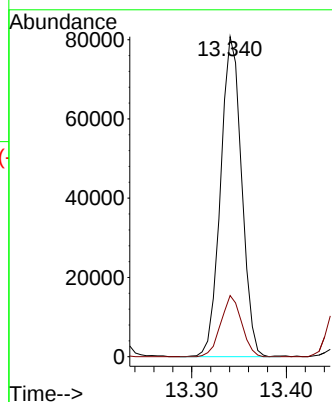
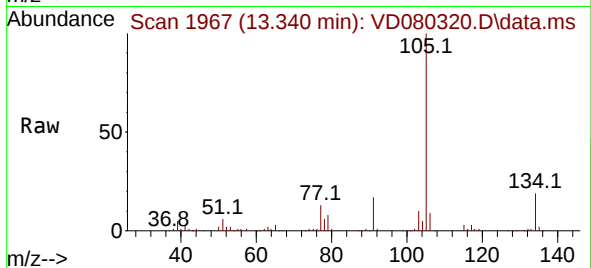




#85
 sec-Butylbenzene
 Concen: 18.643 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

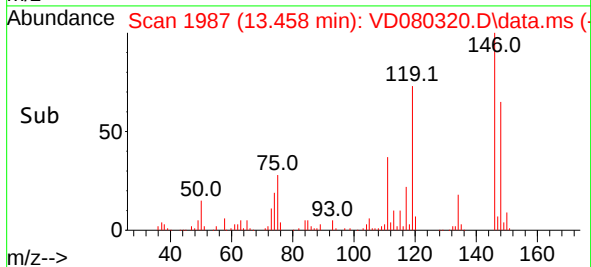
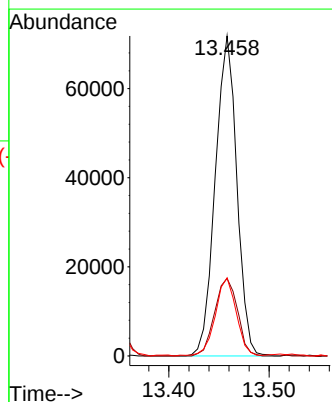
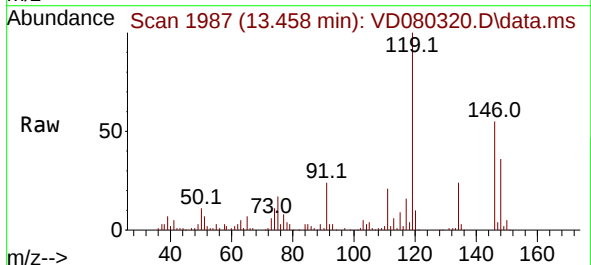
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBSD01

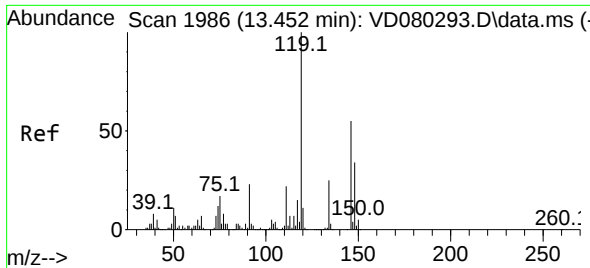
Tgt Ion:105 Resp: 125033
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.986 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. 0.001 min
 Lab File: VD080320.D
 Acq: 14 May 2025 13:57

Tgt Ion:119 Resp: 107020
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.9 12.2 36.4

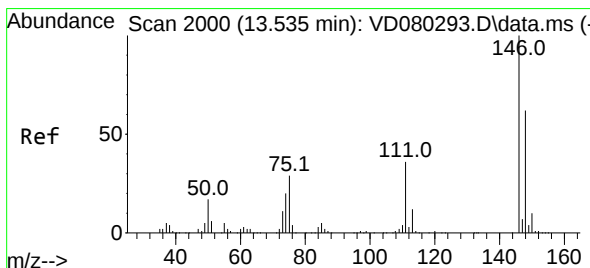
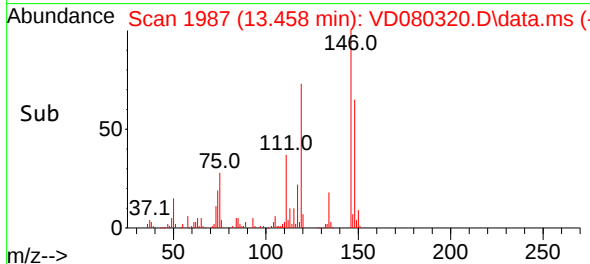
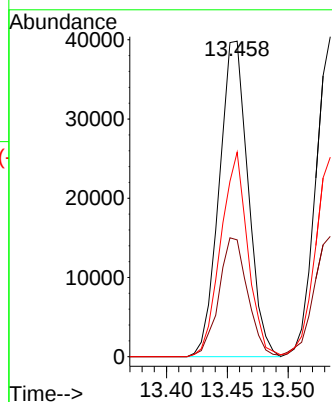
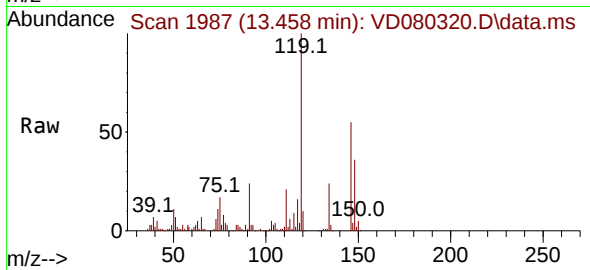




#87
1,3-Dichlorobenzene
Concen: 19.891 ug/l
RT: 13.458 min Scan# 1987
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

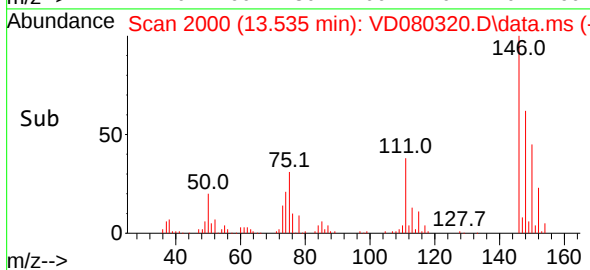
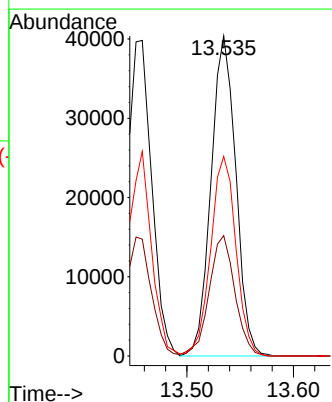
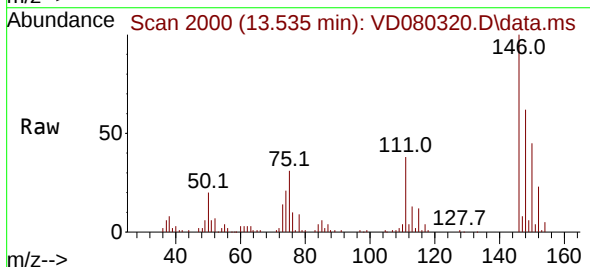
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

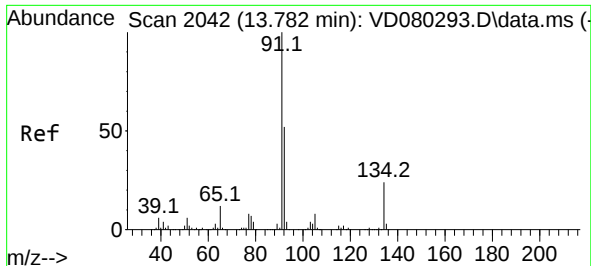
Tgt Ion:146 Resp: 65750
Ion Ratio Lower Upper
146 100
111 37.7 20.0 59.9
148 60.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.579 ug/l
RT: 13.535 min Scan# 2000
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:146 Resp: 65246
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.8
148 63.6 32.9 98.7





#89

n-Butylbenzene

Concen: 17.952 ug/l

RT: 13.787 min Scan# 2042

Delta R.T. 0.000 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBS01

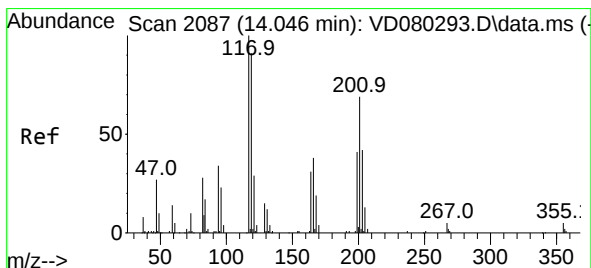
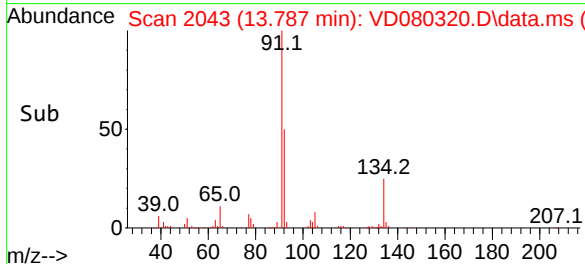
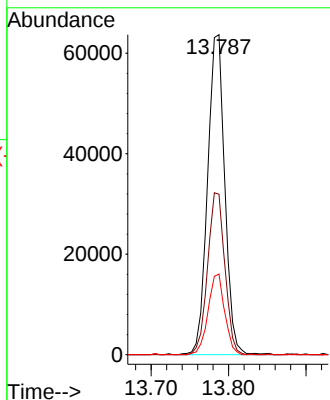
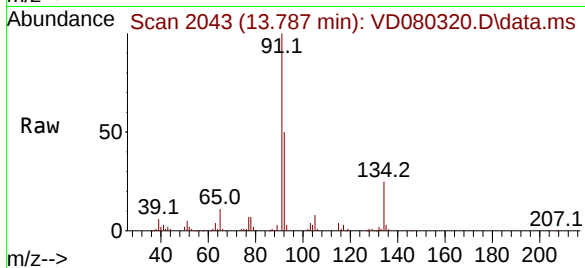
Tgt Ion: 91 Resp: 98233

Ion Ratio Lower Upper

91 100

92 50.8 26.3 78.9

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 19.627 ug/l

RT: 14.046 min Scan# 2087

Delta R.T. -0.005 min

Lab File: VD080320.D

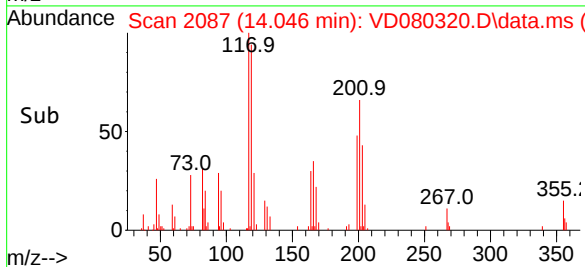
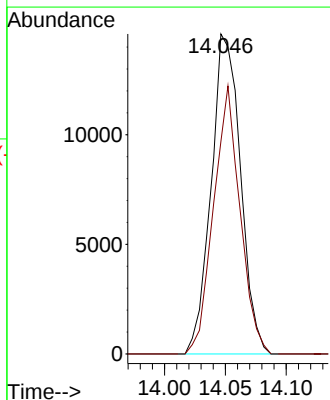
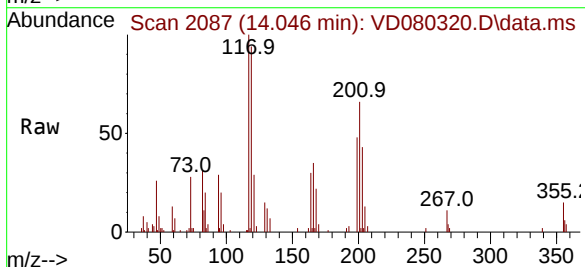
Acq: 14 May 2025 13:57

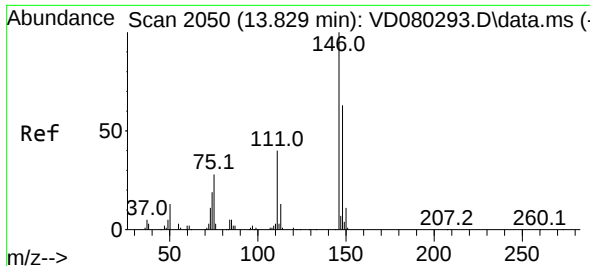
Tgt Ion: 117 Resp: 24479

Ion Ratio Lower Upper

117 100

201 75.7 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 19.813 ug/l

RT: 13.829 min Scan# 2050

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

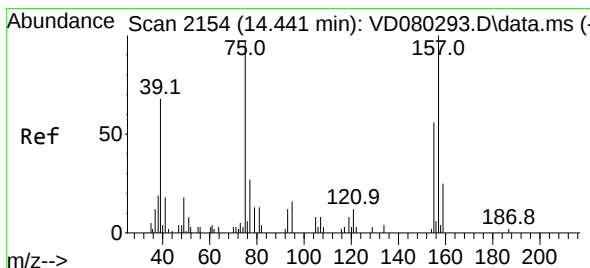
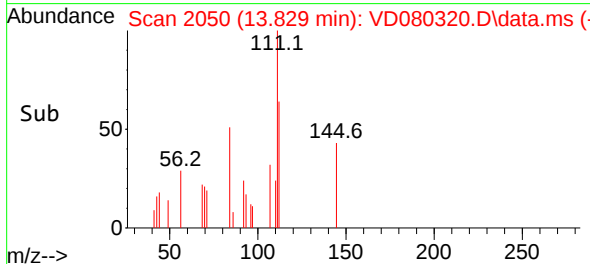
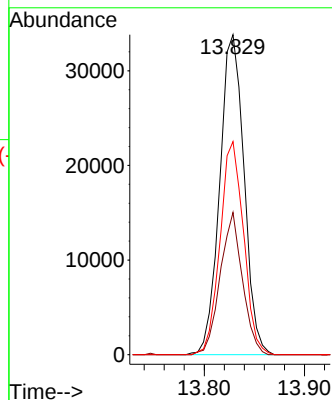
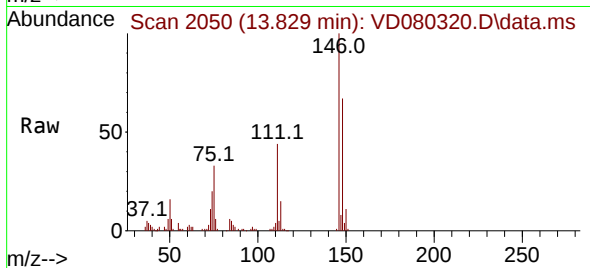
Tgt Ion:146 Resp: 56894

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 64.5 32.7 98.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.886 ug/l

RT: 14.446 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

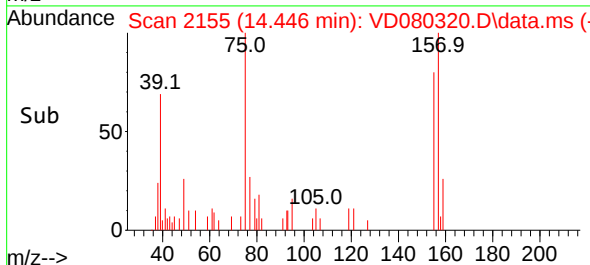
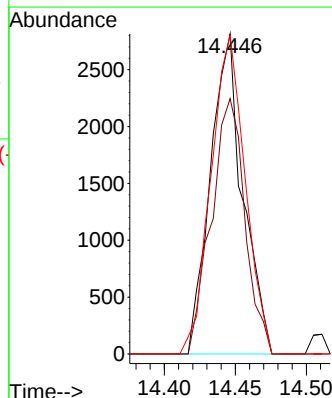
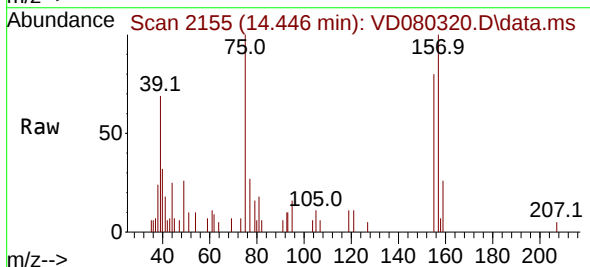
Tgt Ion: 75 Resp: 4473

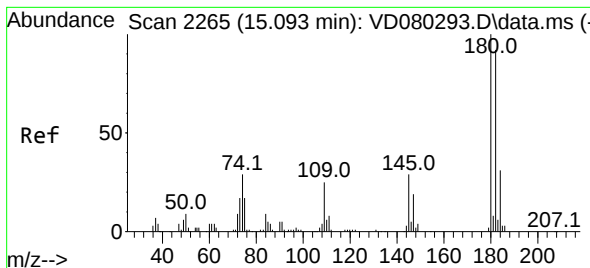
Ion Ratio Lower Upper

75 100

155 82.4 40.6 122.0

157 104.9 53.3 159.9





#93

1,2,4-Trichlorobenzene

Concen: 18.457 ug/l

RT: 15.099 min Scan# 2265

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

Instrument :

MSVOA_D

ClientSampleId :

VD0514SBSD01

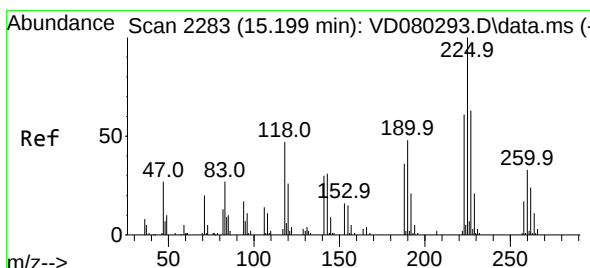
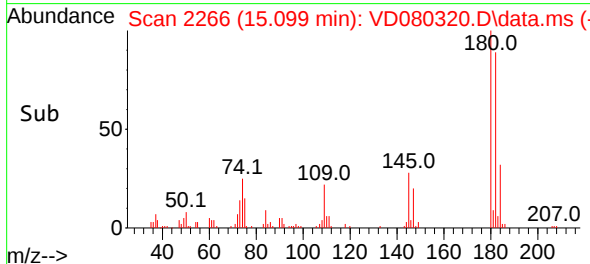
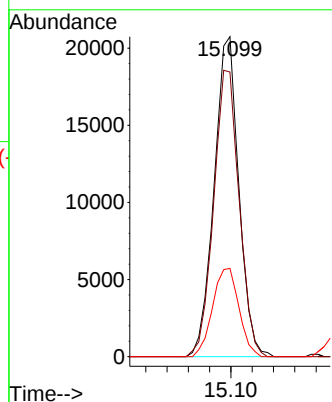
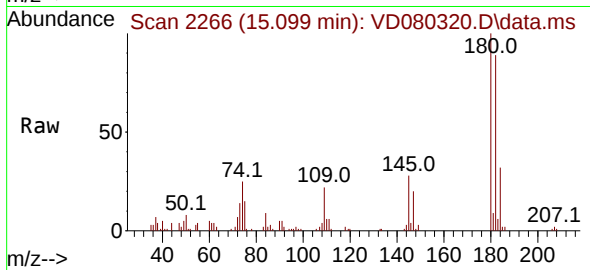
Tgt Ion:180 Resp: 33330

Ion Ratio Lower Upper

180 100

182 92.5 47.4 142.2

145 29.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 18.722 ug/l

RT: 15.199 min Scan# 2283

Delta R.T. 0.001 min

Lab File: VD080320.D

Acq: 14 May 2025 13:57

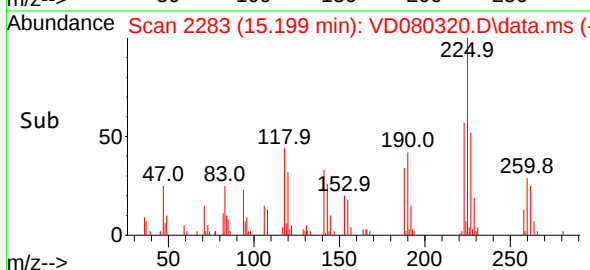
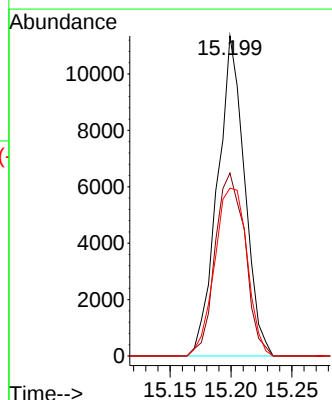
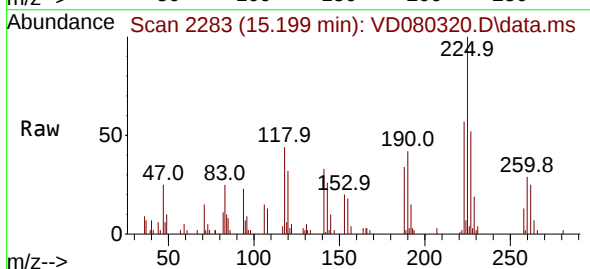
Tgt Ion:225 Resp: 17589

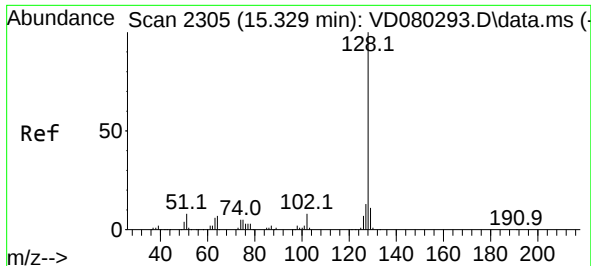
Ion Ratio Lower Upper

225 100

223 63.0 31.5 94.5

227 62.8 30.9 92.5

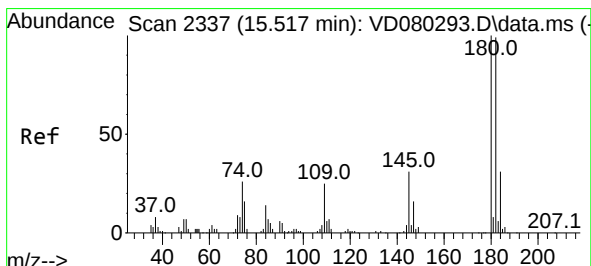
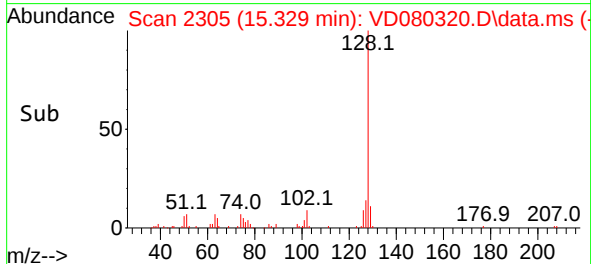
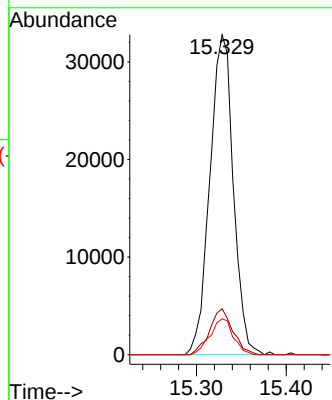
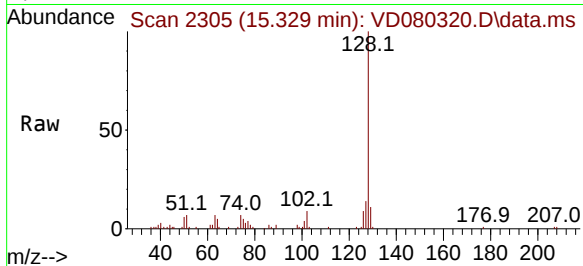




#95
Naphthalene
Concen: 17.564 ug/l
RT: 15.329 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD01

Tgt Ion:	128	Resp:	59557
Ion Ratio	Lower	Upper	
128	100		
127	14.3	11.8	17.8
129	11.2	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.457 ug/l
RT: 15.517 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD080320.D
Acq: 14 May 2025 13:57

Tgt Ion:	180	Resp:	29810
Ion Ratio	Lower	Upper	
180	100		
182	97.7	47.5	142.6
145	33.0	15.7	47.0

